

# THE CHRISTIAN SCIENCE MONITOR

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## MR. FORD TELLS OF HIS SUCCESS IN PRODUCTION

Defends and Explains the Fundamentals Entering Into Mass Output

## OLD PLANT SYSTEM HELD UNECONOMICAL

Benefit to World in Large-Scale Manufacturing, Is Industrial Leader's Belief

NEW YORK, Sept. 7—Henry Ford has written out his secret of success, which is exemplified by the Ford business. In the new Encyclopaedia Britannica, Mr. Ford sets down in simple and practical language the fundamentals of mass production. He discusses its advantages and some of the criticisms which have been made of it.

What Mr. Ford writes about mass production and the Ford business, indicates that the secret of his success is well rooted in sound ideals of manufacture and his understanding of human nature.

By way of beginning, Mr. Ford makes his own definition of mass production as follows:

"Mass production is the focusing upon a manufacturing project of the principles of power, accuracy, economy, system, continuity and speed. The interpretation of these principles, through studies of operation and machine development and their co-ordination, is the conspicuous task of management. And the normal result is a productive organization which delivers in quantities a useful commodity of standard material, workmanship and design at minimum cost. The necessary, precedent condition of mass production is a capacity, latent or developed, of mass consumption, the ability to absorb large production. The two go together, and in the latter may be traced the reasons for the former."

### Production and Consumption

Further Mr. Ford points out that the origin of mass production goes back to the time of the pyramids, and that the idea is followed in many industries. He criticizes the old factory systems uneconomical—chiefly because it was concerned only with the mass production and did not consider mass consumption. He also points out the shortcomings of financial control of industry and emphasizes the important relationship between mass production and mass consumption.

Mr. Ford continues:

"The motor industry is given the credit of bringing mass production to experimental success, and by general consent the Ford Motor Company is regarded as having pioneered in the largest development of the method under a single management and for a single purpose. It may, therefore, simplify the history of mass production and the description of its principles if the experience of this company is taken as a basis. It has already suggested that mass production is possible only through the ability of the public to absorb large quantities of the commodity thus produced. These commodities are necessarily limited to necessities and conveniences. The automobile represents a basic and continuous convenience, transportation.

**Use, and Price Balance**

"Mass production begins, then, in the conception of a public need of which the public may not as yet be conscious and proceeds on the principle that use-convenience must be matched by price-convenience. Under this principle the element of service remains uppermost; profit and expansion are trusted to emerge as consequences. As to which preceives the other, consumption or production, experiences will differ. But

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## New Device Guides Ships in Thick Fog

By Special Cable  
Dover, Eng., Sept. 7

ENGLISH mariners are interested in a new device just installed in Calais harbor. It is now claimed that the thickest fog causes no difficulty to ships entering that port.

The apparatus consists of a submarine signal system which takes the form of a siren the vibrations of which are of such high frequency as to be imperceptible to the human ear. Immediately below the siren is a wireless aerial connected with a mechanism beneath the surface of the water which projects sound waves outward over a very small area of circle. Every ship carrying a suitable receiver thus can pick up the sounds and make straight for port.

## MOTOR MANUAL WILL EXPLAIN INSURANCE LAW

Massachusetts Companies Booklet Will Contain Detailed Information

Automobile insurance policies issued to clubs, garages, associations or organizations, do not in any way cover liability on machines owned individually by members of such groups according to an automobile manual prepared jointly by Massachusetts insurance companies which are qualified to do business under the compulsory insurance law.

So far, the council has only outlined the work it wishes to accomplish, but several meetings have been held and steps to bring about this accomplishment have been taken.

First, the members wish to connect the various power companies in New England, where such interconnections would prove economic and provide for the greatest distribution of power to workers.

One way of regulating the industry would be by federal control, which Mr. Hoover and the power companies alike seek to avoid. Another would be the unification of state laws, which would mean long legal and political controversies.

A third way would be to make the best of existing law and bring about cooperation between the several state commissions and the other parties concerned to the fullest extent possible.

This last is the procedure being followed in New England and definite proposals to such states are now under consideration in the belief that practical results can be obtained.

Third, the council wants reasonable regulation of the industry in order that the interests of the public and of the power companies as well may be adequately protected.

Interconnected power, a term which has supplanted the old expression "super power" in the New England Council's discussions of the power problem in this section of the country, is the key to the council's project for more widespread electrification of New England.

The council's recent action in having set up a joint commission in which not only the power companies but the six state governments as well are represented, marks the first definite step toward solution of the problem as it affects all New England.

It is pointed out that economical distribution of power depends to a certain extent upon the "peak" and average loads a power station is called upon to carry.

**Policy Cancelling Explained**

The course to be taken in canceling the compulsory insurance policies is explained in the manual. Fifteen days' written notice is required prior to the intended date of cancellation except of course when the date is that of the natural expiration of the policy at the end of the year.

If the assured submits a receipt from the Registrar of Motor Vehicles showing a surrender of automobile registration, the policy may then be cancelled without the 15 days' notice.

Attention is called by the manual that payment of claims by insurance companies is excluded in the case of employees who are entitled to payments or benefits under the Workmen's Compensation Law. This is to prevent paying twice for the same claim.

Only the highways of Massachusetts are covered by the compulsory insurance policies, unless an extra fee of \$2 is paid for "extraterritorial coverage." As explained in the manual, the law intended that automobile in operation on the public highways should be covered by insurance, but protection in private ways and garages was made optional to car owners.

**Conference Scheduled**

"Coverage shall not be extended to provide defense to the assured or his chauffeur or other employee on account of arrest," stated the insurance manual.

Wesley E. Monk, Insurance Commissioner, is spending a vacation of two weeks at his home and elsewhere. Since the task of adjudging the rates began a year ago, he had not been away from his office for any extended time. Vacations of his assistants had also been delayed until after the rates were announced.

Next week Mr. Monk will be in conference with Frank A. Goodwin, Registrar of Motor Vehicles, and representatives of the insurance companies. A discussion of payment of premiums on the installment plan will be held. Other problems developing out of the 1927 insurance law will be considered.

Scores of letters are arriving at the Commissioner's office, asking questions relating to the law. Many are humorous.

## RAIL MEN NAME WAGE DELEGATES

Will Meet With Arbiters to Discuss Points

Special from Monitor Bureau

NEW YORK, Sept. 7—Representatives of the eastern railroads to negotiate with the conductors and trainmen in the arbitration of the projected one day wage increase have been named by John G. Walburn, vice-president of the New York Central Railroad and chairman of the Eastern Railroads' committee managers. W. A. Baldwin, vice-president of the Erie, and R. V. McSweeney, general manager of the Pennsylvania railroads, are the two selected by the railroads.

They will meet with the two brotherhood officials, D. L. Cease, editor of the Trainmen's Journal, and E. F. Curtiss of Cedar Rapids, Ia., general secretary of the Order of Railway Conductors. These four will meet and select the remaining two members of the board of arbitration.

## Connecting States' Power Zones Sought by New England Council

Wide Distribution of Electrical Lines Sought Throughout Rural Territory in Plan to House City Workers in Tracts Adjacent to Farms

By the Associated Press

NEW ENGLAND has a new version of the "back to the farm" movement. It is a plan which will gradually put city workers back into rural communities, not on farms, but alongside them.

The plan is one of the steps in the development of the "electrified area," which is sponsored by the New England Council. It contemplates wide distribution of electrical power throughout rural territory by linking power companies in a super power system.

This northeastern states, perhaps the most intensely industrialized section of its size in the country, are cut up by political boundaries into six power zones under six state public utility commissions. The New England Council is working out the problems of harmonizing these zones.

**Better Living Conditions**

Herbert Hoover, Secretary of Commerce, predicted that an industrial revolution would allow the free flow of electrical energy. The New England idea is that as power flows freely through rural and industrial districts, population will spread from cities to smaller towns, with better living conditions for workers.

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## LEAGUE READY TO WELCOME REICH'S ENTRY

Seventh Session of Assembly Opens and New President Is Elected

By HUGH F. SPENDER  
By Special Cable

GENEVA, Sept. 7—Large crowds gathered outside the Salle de la Reformation to watch the delegates arrive for the opening of the seventh session of the Assembly of the League of Nations. The great hall with the glass roof was packed from floor to ceiling when Dr. Edward Benes, the acting president, declared the session open and read a speech of welcome. While not dwelling on momentary difficulties, he considered it prudent not to be too optimistic.

"Misplaced pessimism was equally

out of place, said Dr. Benes, as he proceeded to deal with the League's work during the past year, describing it as a step forward in Europe's evolution and as a further promise of ultimate victory for the League's ideals.

Dr. Benes laid special stress on the preparatory work of the committee of the international economic conference, which had now sketched the main outlines of the inquiry to be pursued. An important thing was to afford a firm basis of facts for the conference to build on.

**Work of Disarmament**

Dr. Benes also dwelt on the reconstruction work which had been done in Austria, Bulgaria, and referred to the team which had been raised for the settlement of refugees in Greece and Bulgaria and the help rendered to Armenian refugees as proof of the importance of disarmament activities of the League.

Turning to the political sphere, Dr. Benes congratulated the League on its settlement of the Mosul question and the frontier disputes between Greece and Bulgaria.

It was with the same intention of political pacification, explained Dr. Benes, that the League pursued its work of disarmament and he warned the Assembly not to be too impatient as regards the results of this work, adding that it was unjust to say nothing had been done. Above all, they must be careful not to run the chance of failure of the international conference on disarmament.

Dr. Benes then referred to the immense importance of Germany's entry into the League, for this would bring into operation the pacts of Locarno, and he reminded his audience that but for the existence of the League these beneficial treaties would be a dead letter.

Dr. Benes concluded his speech with a reference to the reconstruction of the Council, expressing sorrow at the departure of Brazil and the threatened withdrawal of Spain.

At the same time that the airplane started two young men students prepared to board the Twentieth Century Limited for Los Angeles.

They were Miss Helen A. Park of Brooklyn, N. Y., and Miss Margaret C. Sheehan of Manchester, N. H. Recipients of the free trip offered a week ago by Miss Lydia P. Gore of Salem, Mass.

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At

Government action is declared to be "considerable, but to formulate the broader by-laws of the industry in the sense of conservation and to concentrate thought upon them is the major part of the board's task in cooperation with the industry."

**Duty of the Industry**

The directions in which industry can contribute to assure future supplies are set forth as:

1. Continued exploration for extension of known sands and deeper sands in known fields.

2. Continued exploration for new fields.

3. Systematic research and experiments upon methods of securing a larger proportion of the oil from the sands.

4. Systematic research and experiment in new methods and cheapened costs in refining and cracking oils and waste elimination.

5. Co-operative methods in same development of new fields to prevent wasteful flush flow and overproduction.

6. Research and application by engine builders of more economical use of petroleum products.

7. Expansion of American holdings in foreign oil fields.

**What the Government Can Do**

The contributions which the Government can make are given as follows:

1. Continued and expanded research by the geological survey in geologic studies of the accumulation of oil and structure of oil-bearing areas; by the Bureau of Mines into methods of producing and refining, including oil shales, and by the Bureau of Standards into questions of constitution and utilization of oil products.

2. The more intellectual handling of Government-controlled oil sources on public and Indian lands.

**Nation's Oil Supply Safe,****Asserts Standard Oil Man**

**NEW YORK (AP)**—The Federal Oil Conservation Board's report to the effect that the country has only a six-month supply of oil in the proved fields is no cause for alarm, George H. Jones, chairman of the board of directors of the Standard Oil Company of New Jersey declared.

Mr. Jones said the report "can only have reference to a certain definite area," and he doubted "whether it can refer to wells that are even working at the present time." He believed future oil problems will be met with new and better processes, deeper digging and discovery of new sources.

Oil shale in Utah and Colorado will yield from 10 to 30 times as much oil as this country has used to date, according to Ralph H. McKee, professor of chemical engineering at Columbia University. Professor McKee's department is said to have carried on more extensive researches into oil shale possibilities than any other group in the world.

"The product we get from this shale is essentially the same as well petroleum," he said. "We get gasoline, from it which we cannot tell from the gasoline obtained from well petroleum."

**CHILDREN'S CAMPS CLOSED****Special from Monitor Bureau**

**NEW YORK, Sept. 7.**—Three hundred children of trade unionists are returning to their homes in the vicinity of New York and Philadelphia with the closing of the two children's camps conducted by Pioneer Youth of America for workers' children. Eighteen of them were children of textile and garment strikers, who were taken care of without charge.

Music, dramatics, arts and crafts, folk-dancing and nature study and sports were included in the daily program. Joshua Lieberman of Pioneer Youth of America, was in charge of the camp at Pawling, N. Y., and B. W. Barkas of the Philadelphia Labor College directed the camp located at Media, Pa.

**EVENTS TONIGHT**

**B**aseball, New York vs. Boston, National League, St. Stephen's Church, Copley Square, 8:30 to 9:30.

**EVENTS TOMORROW**

**T**wo games, Braves Field, 1:30.

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**CHEMISTS POINT WAY TO OBTAIN NEW OIL SOURCE**

**Tropics' Vegetable Wealth Said to Afford Vast Unlocked Supplies**

**PHILADELPHIA, Sept. 7 (AP)—** Petroleum produced chemically from vegetable matter was the possibility envisaged before the American Chemical Society here.

Prof. James F. Norris of the Massachusetts Institute of Technology and president of the society, in an address prepared for delivery before the division of Industrial and engineering chemistry, said investigation had developed the possibility that one type of petroleum, at least, goes back to the vegetable origin that was converted into marsh gas and finally into higher hydrocarbons.

"The world must eventually turn for help to the tropics with their limitless supply of energy in the form of sunlight, and petroleum, or something to do with the work now done by petroleum, will be made from the vegetable material so abundantly and quickly supplied with energy from the sun."

**Economy in Transportation**

Transportation is demanding a substitute for pig iron, Francis Frary, director of research, Aluminum Company of America, told the division of Industrial and engineering chemistry. He said it costs money to haul pig iron on wheels.

Use of a lighter metal in the construction of street and railway cars and automobiles, he declared, would result, not only in a saving of motive power, but also in reduced wear and tear on the track and structures.

Aluminum, he predicted, would develop more rapidly than any of the common metals during the next 50 years.

Real conservation is obtained in use of alloy steels, Dr. John A. Mathews of New York, vice-president of the Crucible Steel Company of America, asserted. Corrosion, in carbon steel, he estimated, costs each year from \$2,500,000,000 to \$3,000,000,000, including the cost of the corroded metal, expenditures for protective coatings, replacements, shutdowns and labor.

**Reducing Motor Costs**

Discovery of tetraethyl lead, a so-called anti-knock compound for gasoline used in internal combustion engines, according to Irene Du Pont, if universally used, would be the means of cutting the consumption of gasoline by one-third.

"It is now certain," he said, "that the mileage of automobiles per gallon of gas can be increased 50 per cent by its use. If it had been universally applied in the year of 1925 this would have resulted in a saving of some 3,000,000,000 gallons of gasoline. One may reasonably expect that this saving actually will be obtained within a very few years. It will, of course, require changes in automobile design."

A hope that chemistry might in the future devote itself exclusively to peaceful pursuits, was expressed by Prince Piero Ghirardi, member of the Italian Senate, who deplored the necessity of enlisting chemistry as an instrument of warfare.

**PUZZLER'S LEAGUE MEETS**

**CAMDEN, N. J. (AP)—**Lewis C. Hall, Malden, Mass., was elected president of the National Puzzler's League at the eighty-sixth semi-annual convention. Newark was selected as the next convention city, the meeting to be held Feb. 22, 1927. Invitations were extended to all puzzle enthusiasts to attend the conclave at which experts from all parts of the country gather and submit new puzzles.

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**DAUGHERTY CASE READY FOR TRIAL**

**Special Panel Called for Jury to Try Former Attorney-General**

**NEW YORK, Sept. 7 (AP)—**The outstanding case, involving post-war fraud has been opened in Federal Court.

Electon of jurors to try Harry M. Daugherty, Attorney-General under the Harding Administration, and Thomas W. Miller, former Alien Property Custodian, for conspiracy to defraud the Government, has started. A special panel of 200 tales-men had been summoned.

The courtroom was crowded to the doors long before the appearance of the bench of Judge Julian W. Mack, who presided.

Both the defendants entered the courtroom early. Mr. Miller was accompanied by his wife, who showed anxiety over the outcome for her husband. He took a seat at the counsel table, opposite his lawyer, Robert S. Johnson.

Mr. Daugherty occupied a front seat near the counsel table, with Max D. Steiner, his trial counsel, sitting opposite at the table.

Emory R. Buckner, United States District Attorney, who is personally directing the case for the Government, also appeared early accompanied by his assistant, Kenneth F. Simpson, who was an important figure in getting the indictments in the case.

The indictment on which Messrs. Daugherty and Miller are being tried charges them with "conspiracy to defraud the United States of their unprejudiced services as officials" by accepting a bribe of \$391,000 in the return of \$7,000,000 in cash and Liberty bonds to German claimants of stock in the American Metals Company. It is charged the alleged bribe was accepted within a month after their appointments by President Harding in 1921.

**WEATHER PREDICTIONS**

**U. S. Weather Bureau Report**

**Boston and Vicinity:** Fair and slightly cooler tonight and Wednesday; winds becoming variable.

**New England:** Fair tonight and Saturday; winds becoming variable.

**Weather Outlook for Week:** General fair until Saturday, when there are probable showers; temperature nearly normal except about middle of week.

**Official Temperatures**

**U. S. Weather Bureau Report**

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## Exchanges Advised to Reform Own Grain Trading Practices

**Elimination of Gambling Element Called for in Trade**  
Commission's Survey—Majority Report Advocates No Radical Legal Restrictions

*Special from Monitor Bureau*

WASHINGTON, Sept. 7—Although certain abuses have been found to exist in future grain trading as conducted by the Chicago Board of Trade and other exchanges, the remedy for these should be found in reforms by the exchanges themselves rather than in hastily imposed legislative restrictions, according to the findings of the Federal Trade Commission which has submitted to Congress the concluding volume of its report on grain trade and the effects of future trading.

Houston Thompson and John F. Nugent, commissioners, dissented in the conclusions announced by C. W. Hunt, acting chairman of the commission. It was stated that the two dissenting commissioners "do not believe that the recommendations of the chief economist for remedying the evils of future trading as at present practiced are adequate, and will not eliminate them to any practical extent."

The report covers the nature of speculation on the grain exchanges, the abuses of such practices as "hedging" and "scalping," average gains and losses of traders, and "manipulative and other influences tending to artificial prices." The greatest harm from nefarious practices in future grain trading, which is "but a small share in the total of unwise speculation," is inflicted upon the public as a whole from the gambling element involved, the commissioners said.

**Gradual Change Sought**  
The incidental costs of future trading inflicted upon a considerable number of people outside the grain trade are doubtless a much more important element in its social cost than the direct expense of operating future exchanges," the report said.

The majority opinion of the commission, it appeared from the report, is that sudden abolition of grain future trading would injuriously affect the grain producers, although it is admitted that "the gradual superseding of this and other parts of the present machinery of the grain trade by a more efficient organization is conceivable."

The only specific legislative recommendation made in the report is that "legislation limiting the extent to which the resources of the House could be lent or pledged on behalf of any individual, whether partner or other person, similar to the regulation of loans by national banks under the National Bank Act, should be considered." Further legislative restrictions should not be made until the subject is more thoroughly studied, the commission believed.

The direct cost of future trading, amounting to \$20,000,000 a year for the Chicago Board of Trade alone, more than offset, the report stated, by the service to the community generally "through its assistance in promoting more effective competition in the merchandising of grain by enabling the dealer with small capital to limit his risk."

"Such competition costs something, but it is cheaper than the wastes plus the exactions of a greater or less degree of monopoly," it was declared.

It was concluded, however, that grain future trading has, contrary to popular opinion, no stabilizing influence on prices.

**New Methods Proposed**  
"On the other hand," said the report, "no convincing evidence has been found indicating that future trading makes grain prices clearly and appreciably less stable—or higher, or lower than the average—than they would be without future trading. The practical lesson to be learned from the study of the situation is that more attention should be given to the elimination of the purely gambling element from the grain market."

Suggested methods for achieving this, to the benefit of the trade as a whole, are registration of persons

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**ADJUSTMENT**

mass production than without it. In entering the shops of the Ford Motor Company, for example, one passes through great departments of skilled mechanics who are not engaged in production, but in the construction and maintenance of the machinery of production. Details of from 5000 to 10,000 highly skilled artisans at strategic points throughout the shops were not commonly witnessed in the days preceding mass production. It has been debated whether there is less or more skill as a consequence of mass production. The present writer's opinion is that there is more. The common work of the world has always been done by unskilled labor, but the common work of the world in modern times is not as common as it was formerly. In almost every field of labor more knowledge and responsibility are required than generation or two ago.

"(5) As to the effects of mass production on society, the increasing supply of human needs and the development of new standards of living are the elements to be estimated. The enlargement of leisure, the increase of human contacts, the extension of individual range, are all the results of mass production in various fields."

Two main criticisms invite Mr. Ford's comments—First, the monotony of work; and second, reducing employment. He answers these as follows:

"Mass production has also been studied with reference to what has been called the monotony of repetitive work. This monotony does not exist as much in the shops as in the minds of theorists and bookish reformers. There is no form of work without its hardness; but needless hardship has no place in the modern industrial scheme. Mass production lightens work, but increases its repetitive quality. In this it is the opposite of the medieval ideal of craftsmanship where the artisan performed every operation in the preparation of the material to its final form. It is doubtful, however, if the mass of medieval toll was as devoid of monotony as has sometimes been pictured, but it is absolutely certain that it was less satisfactory in its results to the worker. In well-managed modern factories the tendency to monotony is combatable by frequent changes of task."

**Employment Maintained**  
"The criticism of mass production as a means of reducing employment is the most widely understood. The experience of the Ford Motor Company is that mass production precedes mass consumption and makes it possible, by reducing costs and thus permitting both greater use-convenience and price-convenience. If the production is increased, costs can be reduced. If production is increased 50 per cent, costs may be cut 50 per cent, and this increase in cost with its accompanying decrease in selling price, will probably multiply by 10 the number of people who can conveniently buy the product. This is a conservative illustration of production serving as the cause of demand instead of the effect."

**Burdensome Work Wasteful**  
As to the effects of mass production on employment, Mr. Ford writes in part:

"The effect of mass production on employees has been variously appraised. Whether the modern corporation is the destruction or salvation of arts and crafts, whether it narrows or broadens opportunity, whether it assists or hinders the personal development of the worker, must be determined by observable facts. A cardinal principle of mass production is that hard work, in the physical sense of laborious butted bearing, is wasteful. The physical load is lifted off men and placed on machines. The recurrent mental load is shifted from men in production to men in designing. As to the contention that machines thus become the masters of men, it may be said the machines have increased men's mastery of their environment, and that a generation which is ceaselessly scrapping its machines exhibits few indications of mechanical subjection."

The need for skilled artisans and creative genius is greater under individual opportunity."

**WEST PALM BEACH, Fla. (Special Correspondence)** — Standardized hotel rates and an authentic scale of living costs for this section is being sought by the Greater Palm Beach Chamber of Commerce, the Palm Beach County Merchants Association and the Palm Beach County Real Estate Board working with other organizations. The general plan contemplates publication

of a code of living costs for the entire section of the city, and the same will be published in the local newspapers.

**FLORIDA LIVING COST TO BE STANDARDIZED**  
The methods of mass production enable the worker to earn more and thus to have more. Moreover, the methods of mass production have thrown so much responsibility on the craftsmanship of management, that the old method of financial adjustment by reduction of wages has been abandoned by scientific manufacturers. A business that must finance by drafts out of the wage envelopes of its employees is not scientifically based. It is the problem of management so to organize production that it will pay the public, the workman and the concern itself. Management that fails in any of these is poor management. Disturbed labor conditions, poor wages, uncertain profits indicate lapses in management. The craftsmanship of management absorbs the energies of many thousands of men who, without mass production methods, would have no creative opportunity. This is but one of the ways in which the modern method broadens instead of narrows individual subjection.

The need for skilled artisans and creative genius is greater under individual opportunity."

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**ADJUSTMENT**

## MAYOR FAVORS HIGH CITY WAGE

Increases Warranted, He Tells Hearers in Labor Day Speech

Explaining the problem of wages and salaries to be one of "paramount importance," Mayor Nichols, speaking before representatives of Boston labor organizations at a dinner given in their honor yesterday at the Copley Plaza Hotel, said that "further wage increases are warranted for employees of the city." "I deem the comfort and well-being of the city employees of great importance," he added. "I only ask that they serve the city faithfully."

The luncheon given to the officials and leaders of the Massachusetts branch of the American Federation of Labor and the Boston Central Labor Union was in the nature of an official municipal recognition of the significance of the holiday.

John J. Kearney, president of the Boston Central Labor Union, and E. A. Johnson, secretary of the Labor Day committee, made short addresses, speaking appreciatively of Mayor Nichols' recognition of labor and his raising of the wages of the municipal wage earners. Other speakers were John Van Vaerwyck, president of the state branch of the Federation of Labor; George E. Curran, member of the Executive Council of Massachusetts, representing Governor Fuller, and Charles G. Keene, president of the Boston City Council. Each of these speakers dwelt upon the importance of the continuance of the mutually appreciative attitude of Labor and Capital in Boston.

Mayor Nichols made much of the helpfulness of labor toward the progress of Boston.

"No city in America," he said, "has a better claim to leadership in the observance of Labor Day than the city of Boston. Were the day not set apart by national and state enactment, it would be designated by common consent in this city of enlightened and industrious people."

The impulse which made Labor Day an American holiday came from here. We have been a community of toilers since the founding of Plymouth Colony. We know nothing so well as work. We value no benefits above those produced by the efforts of hand and brain. We have never found and never shall find any blessing greater than those of common toil."

## Labor Parades March Through Boston Streets

Approximately 6000 organized laborers, both men and women, marched through the streets of Boston yesterday in the annual Labor Day parade held under the auspices of the Boston Central Labor Union. Headed by John J. Kearney, president of the union, and chief marshal of the parade, the marchers passed in review before Governor Fuller and Mayor Nichols. Added color to the parade was lent by the variety of floats which were scattered along the line of march. More than 20 bands furnished music.

Members of the various unions were dressed in the working garb which was the Bakers' Union, No. 7, members of which were white aprons and caps. Mayor Nichols was given a large bouquet of red roses, which he later showered upon members of the Women's Trade Union League. As one of the numerous bands approached the reviewing stand in which stood Governor Fuller, the drum-major signaled to his band, who responded with the march, "Massachusetts Passes By," which brought applause from the throng along the line of march.

The parade started from the corner of Beacon and Arlington Streets. E. A. Johnson, secretary of the United Building Trades Council, was chief of staff and George E. Curran, a member of Governor Fuller's Council, was side-de-camp. P. Harry Jennings, secretary-business agent of the Boston Central Labor Union, was marshal of the first division. From Beacon and Arlington Streets Mr. Kearney led the columns into Charles Street, turning right and continuing to Columbus Avenue by way of Park Square, to Warren Avenue, Berkeley Street, Tremont Street, Temple Place, Washington Street, School Street and Beacon Street. A mass meeting was held on the Common immediately following the parade and later the officials of the Central Labor Union were guests of Mayor Nichols at a luncheon in the Copley Plaza Hotel.

## MR. SHEENAN QUILTS ATTORNEYSHIP RACE

Frederick M. J. Sheean, formerly assistant District Attorney, has announced his withdrawal from the contest for the Democratic nomination for District Attorney in Suffolk County. "In the interests of the party," Mr. Sheean said he desired to "abstain even a remote possibility of his securing the Democratic nomination because of a division of votes due to a multiplicity of candidates."

Withdrawal of Mr. Sheean leaves in the field the following: William J. Foley, Daniel J. Kane, Thomas D. Lavelle, William J. Patron and William C. Prout, as opposed to Thomas C. O'Brien, the present District Attorney.

Both Mr. O'Brien and Mr. Patron are seeking the Republican as well as Democratic nomination. Charles G. Keene, president of the Boston City Council, is a "sticker" candidate for the Republican nomination following disqualification by the Ballot Law Commission, and is also an independent candidate in the election Nov. 2.

## JUNIOR CLUBS MAKE CANNED GOODS DISPLAY

ATHOL, Mass., Sept. 7 (Special)—Displays of work by Junior Extension Club members on the opening day of the Athol Fair yesterday proved superior to last year's exhibit and established a new record of attendance.

for the departments. More than 500 jars of canned fruit and vegetables were shown as well as hundreds of pieces of fancy work. There were more than 200 entries of vegetables.

The poultry department attracted much favorable attention. Grange exhibits arranged by five Western Massachusetts Granges were centers of interest and, in general, the exhibition halls this year were superior to those of previous years.

## NEW HAMPSHIRE PRIMARY OPENS

Voters at Polls to Decide Moses-Bass Contest for Senate Nomination

MANCHESTER, N. H., Sept. 7 (Special)—Between 60,000 and 70,000 votes will be cast today in the primary election in New Hampshire, according to indications. Political circles expect that George H. Moses, the present senior Senator from this State, and John G. Winant, the present Governor, will be renominated in the Republican primary, although in each case the incumbent faces stiff opposition.

Senator Moses is being opposed by Robert P. Bass of Peterboro, former Governor. Mr. Bass is a son-in-law of Charles Sumner Bird, and like Mr. Bird, is leader of the progressive faction in the Republican Party. There is a third candidate in the Republican primary, James W. Remick of Concord, former justice of the Supreme Court. Judge Remick's vote is, however, not expected to be enough to affect the main battle.

### Two Candidates

The Democrats have two candidates for the senatorial nomination. The regular Democratic organization candidate is Robert C. Murchie of Concord, New Hampshire's member of the Democratic National Committee. His opponent is Albert W. Noone of Peterboro, a woolen manufacturer and former member of the Governor's Council. Mr. Murchie will probably be nominated. But the State is so strongly Republican that there is every expectation that Senator Moses will be returned for a third term.

In the gubernatorial contest, Governor Winant is being opposed by Huntley N. Spaulding of Rochester, president of the State Board of Education. The vote for Governor will probably be closer than that for Senator, although popular interest is much greater in the senatorship. If nominated and elected, Governor

## Days of the "Old Town Pump" Recalled in "The Pageant of Salem"



Some of the Characters in the American Legion's Presentation of Episodes in City's 300 Years of History.

## B. & M. COMPLETES NEW COAL TOWERS

New Discharging Unit One of Best of Its Kind

With the completion at Mystic Wharf of a battery of six coal towers, costing \$500,000, Boston has gained an important water front facility. Ships can be discharged within eight hours, it is said. The plant is expected to handle more than 1,500,000 tons a year and will be operated by the Mystic Terminal Company, of which E. S. French is president.

The battery, an adjunct of the Boston & Maine Railroad, comprises three new steel structures equipped with buckets which carry three tons of coal in each operation and two

## "Pageant of Salem" Will Portray City's Part in National History

American Legion Post Offers Presentation Based on Accurate Study of Significant Incidents—Characterizations of Famous Personages Given

SALEM, Mass., Sept. 7.—The feature of the state convention of the American Legion Sept. 8, 9 and 11 in this city will be a vivid "Pageant of Salem," with a cast of 500 Salem people. It will be produced on the Common, where a large amphitheater has been constructed, with a stage 125 feet long and a sunken pit for an orchestra of 50, which will interpret the elaborate musical score for the presentation.

The pageant will depict scenes in the life of the community, covering in outline three centuries of progress and achievement. Elaborate scenic and electrical effects will be used to portray 10 interesting episodes in the history of the settlement. Miss Nellie Shatto, Masseur of this city, wrote "The Pageant of Salem" and has spent many months of research in an effort to make the story historically accurate.

The pageant depicts not only the history of the early days but will also show the progress that has been made by Salem as a melting pot for the several nationalities which today make up its population. The progress of these pioneers from other shores will be delineated in dance and music.

The pageant covers the 10 genera-

tions during which Salem has made its contribution to the world. First comes a scene in which Roger Conant found the new settlement. Then comes a scene in which the early industry, after that, the end of religious persecution, the famous

year 1622.

**Days of Early Government**

The second century in Salem's history is just as rich and varied, covering three episodes. It shows the provincial government, the first armed resistance to the British at North Bridge and a picturesque episode showing the sea captains trading with pirates.

The third century is one of art, natural sciences and romance. McNamee, the builder of beautiful houses, left Salem a rich legacy, as did Hawthorne the romancer, and these artists have been cleverly combined in one scene. Many of Hawthorne's famous characters are introduced. Then comes a picture of Salem and its part in the Civil War, followed by an episode describing modern industry, the industrial changes of Salem being shown symbolically.

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## CROPS FORECAST IN THREE STATES

**Yield of Maine Apples Is Below Normal—Late Season Generally Indicated**

AUGUSTA, Sept. 7 (AP)—Maine's apple crop this year will be but 50 to 60 per cent of normal according to Charles E. White of the department of markets, State Department of Agriculture. The shortage is attributed largely to the cold spring, which prevented the pollination, and the unusually dry spell in June and July.

There is indicated a potato crop of fair proportions although not a "bumper." The hay crop is below average because of weather conditions, but this is not considered serious because of the market. The crop will be fed at home mostly.

The sweet corn yield now depends entirely upon whether the frost holds off sufficiently long to permit the ears to ripen, it being backward because of the cold spring and dry summer.

The late spring also caused late sowing of grain and the yield in all varieties, it is indicated, will be fair.

MONTPELIER, Vt., Sept. 7 (AP)—Weather conditions will affect the crops in Vermont to some extent, it was stated this morning, at the Department of Agriculture. This is most noticeable in the potato crop, where late planting occurred, and while the quality is good, according to Harold L. Bailey, who is in charge of the inspection of the fields for certified seed potatoes, the yield will be less than usual per acre.

Corn is backward but farmers are looking forward to a late season for it to mature.

Reports on grain are that about the average yield will take place. Frosts in some sections have reduced the production of garden truck, but these have been local and not general throughout the State.

CONCORD, N. H., Sept. 7 (AP)—Crops in New Hampshire are two weeks late, but the general outlook for normal yields is good, the State Department of Agriculture reported today. Potatoes are late, and it was said that it was as yet too early to predict what the returns would be, but it was considered probable that the crop would be heavy except in the southeastern section, where it has been extremely dry. Apples are smaller this year in some sections, due to the backward season, but the crop is considered good.

The hay crops, it was said, were better than had been expected earlier in the season. The crop of blueberries was only fair and the yield of corn and tomatoes is not as large as in other seasons, when weather conditions were more normal.

## NEW RATE ASKED ON ANTHRACITE

**Three Roads Seek Increase in Tariff to 71 New England Points**

*Special from Monitor Bureau*

WASHINGTON, Sept. 7—Another page of the story of the contest for supremacy among the railroad, the automobile truck and the steamship will be written when the Interstate Commerce Commission takes up the petition, just laid before it, of three New England railroads, asking for an investigation that will enable them to charge higher rates on anthracite to certain specific destinations, "all of which are located on tidewater or adjacent to tidewater points, within practical trucking distance of the coast."

The Boston & Albany, the Boston & Maine, and the New York, New Haven & Hartford Railroads asked for a reopening and rehearing with respect to rates on anthracite to 71 towns in cities in Massachusetts, five in New Hampshire and one in Maine, all of which are served by one of the three roads. A rehearing of order No. 9320, which is to become effective on Oct. 17, was asked, they said, because the commission did not grant "fourth section relief" to these 77 destinations in that order.

**See Loss of Anthracite Haulage**

The roads stated in their petition that unless relief at such point could prove that the all-rail tonnage of

anthracite would be seriously diminished and that trucking and steamship lines would take over much of this business.

T. A. Gillis, secretary of the commission, explained that the fourth section of the Interstate Commerce Act forbade any railroad to charge more for a shorter haul than it did for a long haul. That is, he said, a carrier cannot charge \$1 for a shipment from New York to Boston and charge \$1.50 for the same kind of shipment to a point between these two places.

The Interstate Commerce Commission has the power to set aside this provision and it is for this so-called "fourth section relief" that the petitioners are asking. The New York, New Haven and Hartford stated that they did not offer testimony as to why these places should be granted relief when case No. 9320 was heard, because it was of the opinion that a previous order making such exceptions would still be in effect. We are making this prayer for a re-hearing, they said, as soon as possible after finding out that 9320 supersedes the previous order.

"Your petitioners are prepared to show that there is actual water competition at all said stations, located on the water front," they continued in their petition, "and that at such stations as are not located on the water front there is active competition with anthracite moving to the ports by land and trucked inland.

Your petitioners are prepared to show specifically what competition exists, and that unless relief is granted at such points, the all-rail tonnage of anthracite will be seriously diminished." Pending a re-hearing, W. W. Meyer, attorney for the three railroads, asked that the effective date of order 9320 be postponed until a new decision could be made.

## NAME STUDENTS FOR AIR FLIGHT

(Continued from Page 1)

from their experiences to the future of air travel.

The idea occurred to Miss Gove when she completed a trip from Los Angeles to Boston a week ago as the first woman passenger on a transcontinental flight. She wished to give others the pleasure of such a trip. James Luther Adams, assistant pastor of the Second Unitarian Church of Salem, who accompanied her on the flight from Los Angeles, acted as the judge of the letters from applicants for the free trip.

Both of the young men are students of commercial aviation at Technology. Mr. Wilson has made studies at the institute on the location of air routes over Europe and from Boston to Washington, D. C. He intends to write his senior thesis on some phase of commercial aeronautics. Mr. Fowler has already written his thesis at Technology on the subject "Maps from the Air." He has also made special studies in air transportation and navigation.

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The schedule of the trip contemplates a stop at Albany, N. Y., for lunch there, a view of Buffalo and the Niagara Falls during the afternoon, and a night stop at Cleveland. From there the route will be through Detroit, Chicago, St. Joseph, Mo., Wichita, Kan.; El Paso, Tex.; the Grand Canyon, and Yuma, Ariz., to Los Angeles, arriving at the destination Sunday.

A crowd of nearly 1000 persons gathered at the flying field from Salem and greater Boston to see the departure. There were a few speeches on behalf of the Mayor and Chamber of Commerce of Salem, and then the plane took off, convoyed at the start by an escort of five machines of the Boston Airport Company. In one of these new Miss Gove and Mr. Adams.

## LITTLE HALLS OF FAME UNDER THE EAVES OF GREATER BOSTON BUILDINGS

Boston has its halls of fame in lists of illustrious names hewn into the stone beneath the eaves of public buildings, tributes to noble men and women for their contributions to the advancement of mankind. Accounts of some of the achievements of those named in these scrolls of honor are given in a series of cameo sketches presented by The Christian Science Monitor from day to day.

Two more names from the front of the Boston Public Library come forward from the past today. Both were masters of language in ancient times, one a Greek poet, the other a Roman orator.

PINDAR (Pin'dar) was the greatest lyric poet of Greece. Few names were so venerated among the ancient Greeks as that of this Theban. As Homer was their "epic poet" so Pindar was their "lyric poet." In the judgment of the leading critics his stanzas belong to the most beautiful types of ancient literature. They are marked by profound thought, elevation of diction and majesty of rhyme. Many attributes to him unrivaled skill in several forms of verse. He excelled in energy, picturesque effects and elevated ideals.

HORTENSIIUS (Hör-tén'shi-us) was a Roman orator and advocate, who lived from the year 110 to 50 B.C. Much of his success is thought to have been due to his alliance with the illustrious Catulus family. Coming into contest with Cicero in 63 B.C., he lost his supremacy at the bar and Cicero became the leading orator. A few years later Cicero was drawn to the party to which Hortensius belonged and consequently in political cases the two men were often engaged on the same side.

The speeches of Hortensius are not extant. They are described as flowery, ornate in their exuberance, and enlivened with sententious and brilliant passages. His daughter Hortensia also was a successful orator.



College Men and Women Who Will Make Flight Across the Continent by Air. Left to Right—Paul Wilson, Somerville, Mass.; Miss Margaret C. Sheehan, Manchester, N. H.; Miss Helen A. Park, Brooklyn, N. Y.; Henry Fowler, Boston, Mass.

## New Plays Reopen Boston Theaters

### "Pigs"

New Park Theater—"Pigs," a comedy in three acts, by Anne Morrison and Patterson McNutt. First time in Boston. Presented by John Golden. The cast:

Thomas Atkins Sr., George Henry Trader, Philip Ford, Hector Spencer, Wallace Ford, Grandma Spencer, Gertrude Auguste, Eddie Carter, Mrs. Eddie Carter, Mildred Atkins, Emerson Treacy, Mildred Cushing, Una Merkel, Lenore Hastings, Elaine Temple, Sam Gandy, Dr. Springer, Frederic Malcolm.

A rural comedy packed with that sort of fun that arises from family life when depicted on the stage with human insight, and presented with clear knowledge of stage values, that is "Uigs." Through the three acts last evening the audience was laughing almost always sympathetically, not with that empty laughter that greeted the cartoon types that were often to be found in rural plays of the past.

In "Pigs" we see serious things from a comic angle, and while laughing do not forget that the whole thing is pretty true to actual experience. There is Thomas Atkins Jr., who has a genius for taking care of animals. Only Milly Cushing, his determined sweetheart, believes there is anything in his scheme for taking over 250 pigs, believed by her owner to be unmarketable, and taking care of them until they can be sold at a good price. Thomas Atkins Sr., distraught with business difficulties, refuses to give his son the needed \$250 for every cent must be conserved to meet a payment that is coming due. Besides the scheme is one of one purchase of Tommy's humane impulse to look after every limping dog and gypsy goat that strays into the Atkins yard. It is finally Tommy's mother who puts her engagement ring in bond to obtain the \$250, more because of her love for her son than any notion that the pigs venture will be profitable.

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### "The Daring Duchess"

Wilbur Theater, "The Daring Duchess," American version, in three acts, by Joseph J. Garren, of an Hungarian musical comedy, "The Dancing Countess," by Jacobson, Bodansky and Robert Stoltz. Produced by Paul M. Trebitsch, staged by Victor Morly, dances directed by Vaughn Godfrey, orchestra conducted by Mr. Garren. First time on stage. The cast:

William J. Jennings, William Bequette, Gertrude Lang, Roland Plakhor, James Drigo, Barney Ward, George, Eddie Carter, Wally Davis, Marjorie Sweet, William Balfour, Varona, Muriel, Jean, Albert Small, Tommy Healy, Edward, Ward Renault, Second Footman, Harry Blodgett, E. C. S.

This entertainment should prove a popular compromise between straight operetta and musical comedy, for while the main story is in line with the serious tradition of "The Merry Widow," there is plenty of comedy in the minor parts, and generous dashes of dance specialties, elaborately costumed numbers in a revue style, and a large, well-directed orchestra.

It is to be hoped that a way will be found to keep "Pigs" in Boston longer than the proposed month, for surely this is the type of comedy that is good for a run of many weeks.

**"The Jazz Singer"**

Hillside Street Theater—Albert Lewis, in association with Sam H. Harris, presents George Jessel in "The Jazz Singer," a comedy drama in three acts by Samson Raphaelson. Staged by Albert Lewis. The cast:

George Jessel, William J. Jennings, Eddie Carter, Gene, Muriel, Roger Adler, Ruth Abbott, Harry Lee, Edward, Muriel, Selzer, Betty Renner, Franklyn Forbes, Paul Bryon, Tom Johnson, Sam Gandy, Avery Jordan, Joseph Hopkins, Eddie, Samuel Silverbush, Dr. O'Shaughnessy, Tony Kennedy.

For a popular entertainment should prove a popular compromise between straight operetta and musical comedy, for while the main story is in line with the serious tradition of "The Merry Widow," there is plenty of comedy in the minor parts, and generous dashes of dance specialties, elaborately costumed numbers in a revue style, and a large, well-directed orchestra.

The serious story has to do with the Duchess Dupareil, who, on the eve of a marriage of convenience to Marquis De Cluny, makes an excursion into a gay corner of Paris. It is Mardi Gras night, with all the color and riotous fun. The crowd at once makes her queen of the fete, and romance comes to her in the guise of an American ship's officer. He thinks her a girl of the quarter, and they sadly part, for she must let him go on thinking so. How they meet again is the story told by the two succeeding acts.

Gertrude Lang makes a dazzling appearance as the duchess, and sustains her share of the operetta quality of the piece. Glen Dale, who long sang the title role in "The Student Prince," won rounds of applause for his fine singing as Captain Whitney. Emotion as well as beauty of tone and acting ability make the work.

The audience found especially enjoyable the comedy work of Eddie Kaye, who was in Boston for the first time in the spring. Eddie Kaye is the straightest of all the stars, and others made eulogistic addresses and placed a wreath on the statue of him which stands on the plaza of the Post Office Building in Chestnut Street at Ninth.

Another move of the convention will be to increase the maximum annual from \$1000 to \$1200 together with a 20-year optional clause.

The association also is concerned about the postal rates. While admitting the increased revenues from these advances, it is contended the rates have driven considerable business from the service. The policy of the association is to recommend the lowest rates in proportion to the cost of the service and thus encourage the public to give the service an ever increasing amount of its business.

About 2000 delegates, representing more than 50,000 employees of this branch of the government service in the United States, Alaska, Porto Rico and the Hawaiian Islands, are attending the sessions in the Benjamin Franklin Hotel, which is an interesting coincidence, inasmuch as the Congress celebrates the one hundred and fifty-fifth anniversary of the organization of the present postal system, which had its inception in this city with Benjamin Franklin as its first Postmaster and who later was first Postmaster-General. It was here that Franklin's work in organizing what has developed into the present service was done in the latter part of 1775-76.

**Importance of Committees**

At the present time the league is directing its forces to bringing out a large vote at the primary election on Sept. 14, endeavoring to educate

its members in the importance of casting their ballot at that time.

Others were new—his own inventions. But old and new were of absorbing interest. One might incline to think that an entire evening of this sort might become boresome. But the contrary is true.

Houdini has assistants—probably a dozen or more of them—but he is the master of them all, and so little does he intrude what might be called the mechanical element of stage management.

It is pleasant to see young players get within their parts and stay there.

Wallace Ford and Una Merkel do in their acting of Tommy and Mildred. We have to expect certain players of long experience thus to characterize their roles, but youngsters often do not realize that their parts in a play contain values that are added to or for the time being color their own personality.

One wonders, now and then, however, whether Tommy would necessarily have the sluggish rolling gait that Mr. Ford adopts, and even while wondering admires him for his ability to be absorbed in the part.

George Jessel brings into his impersonation a conviction that made a living individual of Jack Robin, not simply a Broadway type of entertainer. He has strong agreeable voice, and can sing the Al Jolson style of song in a way that made the story of the play all the more creditable. One never doubts his sincerity in the rôle. Nor would one question Joseph Shaygold's work in a single detail. Nothing was overdone or undone in his dignified and honest picture of the cantor. Dorothy Raymond, too, was unaffected as the yearning mother of the jazz singer.

**B. F. Keith's**

The Aerial Smiths open the show with a series of thrills. Tom Ward and Charles Columbo show how they did their songs and dance routine, assisted by Cynthia McVey and Pauline Haggard. Frank Matthews and Ada Ayers offer a slap-stick comedy act. Carl McCullough, musical comedy star, pleased with impersonations of well-known actors. Daphne Pollard, favorite English comedienne, headlines the bill this week, with several amusing skits, including "Everybody Welcome," a comical portrayal of an interview with an immigration inspector and a policeman on arrival in New York. Craig Campbell, American tenor, won much applause with his selection of opera numbers and ballads. Glenn & Jenkins, black-face comedians, won many laughs with their skit, "Working for the Railroad." Kleo Lambert wound up the program with several feats of strength.

**Coming Plays**

Sept. 11, Copley—"Las o' Laugh," sentimental comedy by Nan Marriott Watson and Edith Carter. Sept. 12, Shubert—Al Jolson, in his new musical production, "Big Boy."

Sept. 12, Colonial—"Happy Go Lucky," new musical comedy by William Anthony McGuire, starring William Courtenay with Frank Shannon and Mary Carroll.

Sept. 13, Plymouth—"Twelve Miles Out," dramatic comedy by William Anthony McGuire, starring William Courtenay with Frank Shannon and Mary Carroll.

Sept. 14, Colonial—"Happy Go Lucky," new musical comedy by William Anthony McGuire, starring William Courtenay with Frank Shannon and Mary Carroll.

Sept. 15, Plymouth—"Twelve Miles

## MINE OWNERS REMAIN FIRM

### British Coal Operators Hold Out Against National Wage Agreement

By Cable from Monitor Bureau

LONDON, Sept. 7.—The three-hour conference between the coal owners and Cabinet committee, headed by the Chancellor of the Exchequer, Winston Churchill, failed to move the owners from their stand that a national wages agreement was impossible and that the miners must make terms with the owners in the various districts. The owners are meeting today to reconsider their position.

A statement made by A. J. Cook, secretary of the Miners' Federation, that he is willing to sign an agreement for a 10s. daily minimum wage, provided it is national, shows that the miners attach the utmost importance to getting a national agreement.

In the meantime, it is announced that the miners expect another £100,000 contribution from the Russian workers, which sum is being deducted from their small wages and sent to England to prolong the struggle. New coal regulations now operate to relieve public inconvenience to a considerable extent. Small amounts of household coal may now be purchased without permit, and the regulations regarding shop window lighting are relaxed, so that London will present a brighter appearance than has been possible for the past four months. This is a very welcome move at the days shortest.

The general feeling is that the Government is prepared to bring extraordinary pressure to bear on the coal owners to yield on the national agreement because it is a political as well as an industrial necessity for the Government apparently to take Labor's side in ending the dispute.

**Arthur J. Cook Attacks  
Miners Who Kept at Work  
During the Coal Dispute**

By Special Cable

BOURNEMOUTH, Sept. 7.—The discussion at the Trade Union Congress today on the old controversy relating to the organization of the workers by craft, by industry or in one big union was suddenly enlisted by Arthur J. Cook, the Miners' Federation secretary, who made a plea for industrial unionism, and at the same time made the occasion one for a scornful attack on the small sectional unions of the mining craftsmen who have remained at work during the dispute. "We hear more from the sectional unions than from the employers," he exclaimed. "They enabled the employers to gain separate agreements and divide the workers so that when the majority of miners were struggling to maintain conditions, they were 'blacklegged' and weakened by their fellow-workers who accepted temporary bribes." Craft unionism had outlined its usefulness, he said, and was now a means by which a small section of workers gained an advantage at the expense of many.

R. Shirke of the Colliery Engineers' Union contended that centralized organization must fail unless the human and economic interests of the separate sections of the workers were adequately provided for.

**Reconciling Sectional Interests**

Ernest Bevin, Transport Workers' leader, swayed the congress by a powerful speech, in which he declared it futile and stupid to try to kill craft ideals, and urged the trade-union movement that it must seek to evolve real unity based on efforts to reconcile all sectional interests and measures to prevent small bodies of key-workers being swamped by the larger sections in centralized unions. He expressed the opinion that the trade-union movement could in 10 years, if properly organized, supersede the great financial corporations dealing with insurance and similar social service.

The congress affirmed by a small majority the idea of organization by industry.

The general council of the Trade Union Congress decided to exercise all possible pressure to prevent at the conference which opened here yesterday any discussion of the general strike and the reasons for calling it off. The left wing elements among the delegates were eager on behalf of the minority movement to attack the general council for what they describe as its treachery to the labor movement; they should be inspired, it was held, only by class war aims. If this attack were delivered a highly controversial discussion would be inevitable.

**Emergency Resolution**

The general council therefore, urging that a discussion at present would be damaging to the miners, will submit an emergency resolution asking the conference to agree to a complete postponement of the discussion until the coal stoppage is over, and an opportunity can be found

to convene the deferred meeting of executives of the unions affiliated to the congress, which will assemble in private and consider future policy.

The miners' leaders meanwhile are waiting for definite news of the result of the Government committee's meeting with the colliery owners before taking any other step. One of them told The Christian Science Monitor representative that in any event they would not allow themselves to be rushed into a settlement which they considered unfavorable. Nevertheless, they are obviously anxious about the whole outlook if Winston Churchill's peace effort does not bring a settlement.

The Miners' Federation delegates, who number only 50 as compared with the customary 180 owing to the exhaustion of union funds, have agreed to this course, and Robert Smillie will probably move his postponed resolution on behalf of the general council. The minority movement elements had hoped to counter tactics of this kind by tabling resolutions for the agenda calling on the congress to give the general council all the absolute power to take over control of any industrial struggle, to levy assessments on the unions and to call out part or all of the affiliated unions in sympathy, in short, to initiate a general strike at any time without the necessity for obtaining special authority from the affiliated unions as had been done last April.

#### Communist Section's Intent

The intention behind these resolutions is that if at any time the left wing or communist section gained control of the trade union machine, it would be able to claim the constitutional right to fit it for revolutionary purposes. There is no chance whatever of the acceptance of such a policy by the trade union movement in its present mood and the general council would strongly oppose the suggestion if the resolutions are discussed.

The general council may suggest to the congress however, that in any discussion on the future policy, reference to the general strike events could hardly be avoided, and that therefore the resolutions should be held to come within the scope of the postponement motion and be withdrawn from the agenda.

In his opening address, Arthur Pugh chairman of the Congress, dealt with the various aspects of the miners' dispute and the general strike, but was studiously careful to avoid any comment on fundamental questions concerning a general strike as an industrial weapon or on other aspects of the matter on which the general council wish to preserve silence until later.

#### Deplores Present Bitterness

After deploring the increasing bitterness in the relations between the employers and workers in the mining industry, he stressed the point that one commission of inquiry after another had condemned the organization of the industry. He declared the mine owners to be bankrupt of constructive policy and unable to appreciate the national interest, which could therefore only be fostered by a national policy of the miners for the Nation, which would not merely change the ownership but seek to promote the co-operation of the administrative, technical and manual workers in modernizing the industry, widening its scope and apply to it all discoveries of chemical and other industrial arts which promised to increase its efficiency in the public service. Turning to the general strike, he avoided any revelation of his own views as to whether or not it had helped either the miners' cause or the Labor movement in general.

#### Working-Class Solidarity

He described the response to the strike call as a "great and spontaneous demonstration of working-class solidarity, so generous in its readiness to run risks and make sacrifices on behalf of others, an inspiring revelation of the true spirit of trade union brotherhood."

He declared that if this were misinterpreted, it would be fatal to the hopes of peaceful industrial progress. He denied emphatically that the general council had any motive except that of helping the miners to resist unjust demands. He attributed the morale, which made so widespread a response possible, to the constant

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attacks on the workers' standard of living during the past four or five years, and to the failure of the employers and governments to honor the assurances given the workers during the war that there should be a social and economic reconstruction. He held that this failure had created a working class psychology, that made a stoppage of a national character inevitable in circumstances such as existed at the end of April.

#### Righteous of Democratic Methods

The question for the general council at that time therefore was, whether there should be industrial chaos and disorder or a controlled and disciplined movement. He claimed that the limited purpose of the general council and the retention by the trade union movement of a belief in the essential rightness of democratic methods was proved by the failure of the agents of the Government to goad the workers into acts of violence during the strike.

Moreover, he added, while on one hand extremists of reaction accused them of attacking the constitutional institutions of the country, they were abused on the other hand by extremists of revolution for having failed to attack those institutions. He went on to argue that because the industry has now become so interrelated on the employing side, any attempt to reduce the workers' wages and conditions could only be combated effectively by a collective trade union effort.

#### No Dictation Permissible

"When the unions combined their forces last May," he said, "they were not invoking any new principle of industrial action, but simply asserting more effectively on a larger scale the traditional trade-union refusal to accept the dictated terms of employment, whether from employers or Government." Therefore, he declared, the weapon used last May would not be left unused when it was sought to enforce on any section of the workers terms which had not been made the subject of negotiations and collective agreement.

It was fundamental that "an attempt to impose unjust conditions on any section or part must be met with combined resistance from the whole movement"; must be accepted if "under modern conditions trade unionism is to remain an effective medium for the defense of the working class interests."

This declaration came from a leader who had always been regarded as one of the most moderate in the movement and does not suggest that the general council has faced up frankly to the obvious lessons of the May strike, nor does it fit in with the further declaration by Mr. Pugh that the workers need new and constructive methods and a new conception of the place of trade unionism in the national life.

In his brief reference to the international Labor movement, Mr. Pugh evaded the problems created by the attempt of the general council to mix the oil and the vinegar of the Amsterdam Federation and the Moscow Trade Union International. Dealing with the Washington 8-hour-day convention, he attributed its failure to secure ratification by the chief industrial countries mainly to the British Government, and suggested that the passing of Mines 8-Hour-Day Act had nullified the results of the conference some months ago between the Labor Ministers of England, Germany, France, and Italy, at which an agreement on the basis of simultaneous ratification was reached.

The general impression gained from the address was that Mr. Pugh shrank from the difficult task of presenting Congress with a realistic survey of the blunders and problems of the British trade union movement, and that unless the rank and file of the workers can obtain a more courageous and more farsighted lead in the critical industrial period Great Britain is now approaching, the movement that will continue to drift in a sea of troubles.

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ELLIS BARKER: "Henry Ford is a better teacher than Karl Marx."

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LIDA C. OBENCHAIN: "Two who laugh at the same thing will never quarrel."

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## OUTLINES GOALS OF LABOR UNIONS

A. F. of L. Vice-President Says Negotiation Now Is Supplanting Strikes

*Special from Monitor Bureau*  
NEW YORK, Sept. 7.—Labor unions have proved themselves to be a positive force for stabilization in industry and for prosperity in the country as a whole, Hugh Frayne, vice-president of the American Federation of Labor in charge of organizing, declared in an interview here.

With labor unions in the United States at the height of their power in organization, and with employers equally organized as never before, he declared, both sides are seeing more clearly that it is not to their interest to oppose each other, but that instead they must settle their differences by discussion with due consideration of the needs of both.

"Contractual relations are doing away with the old uncertainties, and negotiations are taking the place of strikes," he said.

### Attitude of Conciliation

Where strikes used to be the order of the day, the parties now sit around a conference table, taking two or three months for quiet discussion and the new agreement goes into effect with the country barely aware that anything has been taking place.

The eight-hour day and the forty-hour week, together with the machinery for settling shop disagreements, have played their part, similarly, in stabilizing industry. With small shop masters being settled as they arise the employees do not have a lot of grievances against their employers to keep them unemployed.

"The increase in wages and the shortening of hours have given an added incentive to employers to improve the tools of industry. While new inventions have at times thrown men out of work, labor as a whole has not opposed them, because unions, by the strength of their organizations, have won some of the benefits for the working man. The distribution of the benefits of increased productivity has not been wide enough yet, but at least it has been partially made.

### Better Markets Afforded

"Higher wages have reacted favorably on industry as a whole by giving the working man a chance to enjoy more comforts and consequently to be a purchaser of more of the products of industry. He buys better food for his family today, better clothes, has musical instruments and other luxuries, enjoys amusements, and what is more, sends his children to college. That all means better markets."

This improved condition, and particularly the ability of union members to send their children to colleges for training for the professions is being reflected in a more sympathetic attitude toward labor by the public at large. The sons and daughters of parents who held union cards are coming into the world educated for careers, and whether or not they maintain contact with the labor movement, they at least give it a sympathetic hearing."

**President Green Defends Trade-Union Movement**

*Special from Monitor Bureau*

NEW YORK, Sept. 7.—The trade union movement was staunchly defended by William Green, president of the American Federation of Labor, at the good will mass meeting held in Carnegie Hall under the joint auspices of several industrial and religious organizations Sunday afternoon. He said in part:

"The record of organized labor compels its critics to pay tribute to its achievements and accomplishments. The friends and supporters of labor rejoice over its success and extol its virtues as a constructive, practical and serviceable instrumentality for good."

"The trade unions have exercised a controlling influence in the advocacy and passage of workmen's compensation legislation in at least 42 states and two territories. Trade unions direct their efforts toward the elevation of living standards, toward the advancement of the educational, moral and spiritual welfare of the workers."

"They ally themselves with every movement organized for community, social and civic betterment. The working people need trade unions. Industry needs them, for they serve as a stabilizing force. Society needs trade unions, and we ask the church to give them its assistance and support."

The presiding officer at this good will meeting was Charles Stetzel, widely known as a churchman and labor leader and one of the founders of the Labor College of New York City. In his preliminary remarks Mr. Stetzel emphasized that

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both chuch and labor had for their chief function the lifting of the individual out of the generalities of mass production into a place of personal merit. "We must rescue the individual from the mass," he declared.



## GUARDSMEN WIN AIR RACE PRIZES

New York Fliers Capture Three Trophies at Sesquicentennial

PHILADELPHIA, Pa., Sept. 7 (Special)—Thousands attended the Sesquicentennial Exposition on Labor Day, the second day of the National Air Races which are being held here at Model Farms Field. The program included the novelty relay race for commercial airplanes and the speed race for National Guard pilots for the National Guard trophy.

The relay race, was won by the team led by Charles S. Jones on a Thomas Morse airplane, with A. H. Kreider in a Waco 9 and Basil Rowe in another Thomas Morse.

In the National Guard race, the 12 entries which were all standard Curtiss J. N. training machines with Hispano Suiza engines, took off in heats of three each in rapid succession.

The race, which was over a distance of 84 miles and consisted of seven laps of the 12-mile course, was won by Lieutenant Carl W. Rach of the New York National Guard, average 93.08 miles per hour.

Lieutenant Carl J. Sack, also of the New York National Guard, was second with an average speed of 89.63 miles per hour. Third place also went to a New York National Guard flyer, Leonard F. Long, who did 87.63 miles per hour.

Mr. Jones and the Curtiss flying service and one of the veteran pilot took \$1150 in prizes, winning a first and a third place in the afternoon.

In the free-for-all race for two, three or four-seater commercial airplanes, flying his Clipped-Winged Curtiss Oriole, he won first prize for the third consecutive year, with a speed of 126.11 miles per hour. James G. Ray, flying the Pitcairn Sesqui-Wing Arrow, came in second at 127.81 miles per hour.

Walter Beach, flying the Pioneer Company's Travel Air, which won the recent airplane reliability tour, was third with a speed of 128.32 miles per hour. This compares favorably with the performance of Mr. Ray, who was flying a special racing machine, while Mr. Beach's Travel Air is a regular passenger-commercial airplane with a Wright Whirlwind engine of 299 horsepower.

The elimination race for a contest to be held Thursday was won by Basil Rowe, flying the Thomas Morse machine with a speed of 109.59 miles per hour, with Victor Dallin second at 105.62 miles per hour, and C. S. Jones third with 99.4 miles per hour. Mr. Jones was flying a Thomas Morse with a 90-horsepower engine.

The winner of the On-To-The-Sesqui race has been announced as Fred Day Hoyt of Eureka, Calif., who flew 2558 miles in 31 hours flying time. Mr. Hoyt landed in Philadelphia at 6:02 a. m. last Wednesday. Second and third places went to Austin Lawrence of Love Field, Dallas, Tex., and Ross Arnold, of the same place. Both reached here last Thursday.

"Do you want me to put it in?"

"Oh, please, Madam!"

As she took the letter, the lady read, "To the Good God in Heaven."

Much moved, she dropped the letter in the box. The grateful child raised her lovely eyes, saying: "Do you believe that the good God will answer me?"

"Certainly. But why are you writing to Him?"

"My mother has told me that we must always think of this just God and take our troubles to Him. She is ill and we are hungry."

"All right, little girl, count upon the answer of the good God."

The child returned joyously to the freezing house. In the morning she waited. The hours passed and nothing came. Suddenly the noise of a carriage.

There was a knock at the door, and the lady of the day before appeared with an immense basket of provisions. Then, embracing the blue-eyed child, she whispered: "Here is the answer of the good God."

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being urged to be a candidate for commander-in-chief. It is understood that he will permit his name to go before the encampment.

The other is Maj. W. H. Mershon of Los Angeles, known as "the drummer boy of Shiloh." One of his most prized possessions, which he will bring to Des Moines, is his beautifully wrought drum, made of 300 pieces of wood and mounted with a silver plate which identifies Major Mershon as "The drummer boy of Shiloh, presented by his old regiment, the 30th Indiana Volunteers at Fort Wayne, Ind., Aug. 29, 1895."

## FASCISM DRAWS LABOR'S PROTEST

William Green Says System Puts Industry Outside of Control by People

PRESIDENT OF THE AMERICAN FEDERATION OF LABOR, addressing the convention of the Anti-Fascist Alliance of North America, pledged the support of his organization to the other.

"In my official capacity as president of the American Federation of Labor," Mr. Green said, "I want to transmit to you my sympathetic understanding and to assure you that the A. F. of L. will stand with you and work with you until we have succeeded in driving Fascism from the face of the earth."

"I am deeply in sympathy with the Anti-Fascist movement. I should like to call it the movement for human freedom and human liberty. I frequently think of the working men of Italy, at the moment denied the freedom and liberty we enjoy in this country. I know that the Italian working man will not meekly submit to autocracy in his form but will march on the struggle until they once again enjoy the blessings of liberty. As far as we can help them, our entire resources are placed at their command."

"Individuals are but the instrumentalities through which some cause can be promoted. Fascism stands for repression and denial of freedom and democracy and any movement which is seeking to deny the natural expression of the human race is an enemy to society. The American Federation of Labor has stood for freedom and democracy. It is the one movement in the land that stands as the defender of these principles, and it will be heard from wherever there is a movement to substitute autocracy for democracy. I have a profound regard for the Italian people and the highest admiration for those who have come here to live with us."

Mr. Green said that the words of Abraham Lincoln, uttered during the struggle to abolish slavery, that this is a "government of the people, for the people, by the people" must be made to apply to the governments of the entire world.

**MEXICO CITY (AP)—Ricardo Trevino, Secretary-General of the Regional Confederation of Labor, asserts that Mexican organized labor sympathizes with the decision of the American Federation of Labor to fight Fascism. Señor Trevino says that at a convention of his organization held in March it was decided to oppose Fascism.**

THE ELIMINATION RACE FOR A CONTEST TO BE HELD THURSDAY WAS WON BY BASIL ROWE, FLYING THE THOMAS MORSE MACHINE WITH A SPEED OF 109.59 MILES PER HOUR, WITH VICTOR DALLIN SECOND AT 105.62 MILES PER HOUR, AND C. S. JONES THIRD WITH 99.4 MILES PER HOUR. MR. JONES WAS FLYING A 90-HORSEPOWER ENGINE.

THE WINNER OF THE ON-TO-THE-SESQUI RACE HAS BEEN ANNOUNCED AS FRED DAY HOYT OF EUREKA, CALIF., WHO FLEW 2558 MILES IN 31 HOURS FLYING TIME. MR. HOYT LANDED IN PHILADELPHIA AT 6:02 A. M. LAST WEDNESDAY. SECOND AND THIRD PLACES WENT TO AUSTIN LAWRENCE OF LOVE FIELD, DALLAS, TEX., AND ROSS ARNOLD, OF THE SAME PLACE. BOTH REACHED HERE LAST THURSDAY.

"DO YOU WANT ME TO PUT IT IN?"

"OH, PLEASE, MADAM!"

AS SHE TOOK THE LETTER, THE LADY READ, "TO THE GOOD GOD IN HEAVEN."

MUCH MOVED, SHE DROPPED THE LETTER IN THE BOX. THE GRATEFUL CHILD RAISED HER LOVELY EYES, SAYING: "DO YOU BELIEVE THAT THE GOOD GOD WILL ANSWER ME?"

"CERTAINLY. BUT WHY ARE YOU WRITING TO HIM?"

"MY MOTHER HAS TOLD ME THAT WE MUST ALWAYS THINK OF THIS JUST GOD AND TAKE OUR TROUBLES TO HIM. SHE IS ILL AND WE ARE HUNGRY."

"ALL RIGHT, LITTLE GIRL, COUNT UPON THE ANSWER OF THE GOOD GOD."

THE CHILD RETURNED JOYOUSLY TO THE FREEZING HOUSE. IN THE MORNING SHE WAITED. THE HOURS PASSED AND NOTHING CAME. SUDDENLY THE NOISE OF A CARRIAGE.

THERE WAS A KNOCK AT THE DOOR, AND THE LADY OF THE DAY BEFORE APPEARED WITH AN IMMENSE BASKET OF PROVISIONS. THEN, EMBRACING THE BLUE-EYED CHILD, SHE WHISPERED: "HERE IS THE ANSWER OF THE GOOD GOD."

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## CONGRESS OF ARCHÆOLOGISTS PLAN TO CO-ORDINATE WORK

Study of Sites in Various Countries to Be Made More Fruitful Through Efforts of Excavators to Cooperate on Various Projects

JERUSALEM (Special Correspondence) — Renewed interest in archaeological research in Palestine and Syria is expected to result from the deliberations of the International Archaeological Congress, recently closed at Jerusalem.

The gathering was among the few attempts to co-ordinate activities of archaeologists in different countries, particularly those interested in research now proceeding in both countries, but notably in Palestine, and to draw up some scheme of world-wide scientific co-operation in extending the present field of exploration.

It is hoped by such means to make a study of sites hitherto untouched owing to inadequate curiosity on the part of scientists abroad.

During their three days' sojourn at Beirut, the delegates—representing 13 nations and a wide range of scientific interests—were the guests at a series of banquets and receptions. M. Henri de Jouvenel, the French High Commissioner, presided over the first of these banquets, while a reception on a grand scale in the Sursock Palace at Beirut allowed the guests to gain an insight into Oriental magnificence and enchantment that is a legend of the place.

Valley of Perpetual Dusk

The first journey was to Homs, Tripoli and Palmyra. The latter is situated in a veritable valley of perpetual dusk, a Valley of Tombs, with grim reliefs of the past. Baalbeck, the City of the Sun, with its running streams, its orchards and sober picturesqueness, hardly attained the height of the Palmyra spectacle. Here the learned professors argued over the Roman remains of the Temple of Bacchus and of the grand stairway of the central temple, of the nymphaeum (classic fountain) and of part of the Street of Columns, the original pavement of which is now believed to extend intact for more than half a mile. At Madaba, Bible scholars ventured the opinion that the mosaic map of Palestine, embedded in the floor of the ruined church, represented the itinerary of Jesus in Palestine, as far as we can tell from the records of his travels. The Mosaics, previously ascribed to Persian influences, are now thought, as a result of the technical knowledge gained, to be of Byzantine origin.

Northern Palestine was first visited by the congressists. The prehistoricians among the delegates were attracted by the progress of work at Tabgha, near the ancient monastery of the same name at Tiberias, where G. Turville-Petre, of the British School of Archaeology, last year discovered the Neanderthal skull and other prehistoric relics. The cave in which the finds had been made was thoroughly inspected by the archaeologists, who later were delighted, on a visit to the Huleh Basin, to collect large numbers of very early

pottery fragments.

During their stay at Beirut, the delegates had for their guide Sir Ronald Storrs, Governor of Jerusalem, and Dr. John Garstang, director of antiquities.

There were expeditions to Bethlehem, Solomon's Pools, Hebron, and after the inspection of the interior of Jerusalem had been concluded.

In an interview with a representative of The Christian Science Monitor, Dr. John Garstang, director of Palestine antiquities, declared that the delegates had helped the authorities by their constructive criticisms and that no doubt a permanent stimulus had been given to archaeological research.

Lord Plumer welcomed the delegates at the opening session in Jerusalem. After paying tribute to the memory of Prof. E. Sellin, the Austrian scholar, at Balata, near Nablus, Alan Rowe, of the University of Pennsylvania, who is busy at work on the Belsan (Beth Shana) ruins and Prof. William F. Badé, who has made remarkable progress on the presumed site of Benjamin's Mizpah near Ramallah (Jerusalem), completed the itinerary.

## LOSE FINISH IS EXPECTED

To Let-Up Anticipated as Four Pennant Contenders Race Down Final Stretch

### NATIONAL LEAGUE

	Won	Lost	P.C.
B. Louis	80	57	.58
Cincinnati	73	55	.57
Pittsburgh	73	57	.562
Chicago	73	62	.541
New York	68	66	.491
Brooklyn	63	71	.470
Boston	59	79	.388
Philadelphia	49	78	.356

### RESULTS SATURDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS SUNDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS MONDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS TUESDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS WEDNESDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS THURSDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS FRIDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS SATURDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia
Boston	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Chicago	2	2	2	2	2	2	2	2
Baltimore	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2
Boston	2	2	2	2	2	2	2	2
Philadelphia	2	2	2	2	2	2	2	2
New York	2	2	2	2	2	2	2	2

### RESULTS SUNDAY

	St. Louis	Cincinnati	Chicago	Baltimore	Brooklyn	New York	Boston	Philadelphia


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# Women's Enterprises, Fashions and Activities

## A First Glance at Parisian Winter Hats

Paris  
Special Correspondence  
THE last week in July heralded the first displays of winter styles in Paris, and judging by the number of buyers from the United States it also foreshadows the vogue for America.

Hats are to receive particular attention, since designers have decreed that they are no longer to match coat and dress, but will be worn in contrasting colors. Trimmings on costumes may be of the same color as the hat, or either dress or coat will match the hat—but not both.

For authenticity in hat styles the rue de la Paix is still the synonym, and the word of an eminent designer that we shall pass on to The Christian Science Monitor readers:

The designer we called on sat simply among a group of girls, at a large work-table—actually plying her needle. With a gracious smile she turned us over to a vendeuse. "Show Madame some models and tell her what the styles will be," she said.

In the spacious front room, overlooking a quiet court off the fashionable street, were long French mirrors. Here and there a hat hung nonchalantly on a wooden stand, with the assurance of being in the best company.

Madame's "vendeuse" divulged the trend of hat styles.

"We are using a great deal of velvet and felt," she said, "but no grosgrain. Toques and turbans have returned."

Then diving into a closet she brought down from a shelf samples of the latest millinery.

"The hats this year flee away a bit from the front," said Mademoiselle with conviction in her voice. Whereupon she put on a very soft black felt. It did indeed "flee away" a tiny bit from the front.

"Crowns are a little higher," she continued, showing a toque of the newest, seen in the softest velvet, smoothed up high in the front with a tiny bow atop.

Nearly all the new models that we saw had no stiffening. The crowns rose high in front and slanted in varying lines toward the back. The felts were dented with deft fingers. The toques were draped toward the back or side.

"Inspired by the Moroccan visitors," explained the vendeuse, showing a black turban ornamented with twists of gold and silver.

Besides the new green, a lovely deep red and black are expected to be the most popular colors.

A little further along the rue de la Paix we asked questions of an obliging Mme. J.—who always interprets the Paris mode faithfully.

"Colors," she said, "are Chanel red, black, royal and navy blue, and, of course, for sport wear beige. A lovely rose-gray called 'abbess' is a new color launched this season."

The soft velvet and a long nap felt

of particular glossiness she predicted would be the popular materials.

The beret shape with a tiny brim is really going to be worn it seems, and a sort of tan, very much like that of this summer though thumped into little dots, will carry the movement of high in front and a slight toward the back.

Many of Madame's tiny brims were turned down in front. Her sport hats were extremely simple. They were hardly shaped at all except for a curved boxing at the top of the crown. Very like the original cloche. A tailored band of grosgrain ribbon where the hat flared slightly out to make the brim completed it.

For comfort, this winter's styles ...



One of the Newest Lines Shown for Mid-Season With Basque Silhouette and Much Fullness in Front of Skirt. This Costume Is Made in Black Moiré and Is Extremely Smart.

## A Novel Breakfast Table

OUR modern homes today command many built-in features that result not only in a saving of space in the interior of the building, but are a source of real joy to the housewife in their labor-saving aspect. The house which has been built for many years, however, need not lack all of these helps, as many splendid ideas may be worked out along the line of these inventions. An admirable table and cupboard combination which can be made at home and hung on the kitchen wall, will save the housekeeper as many steps as a breakfast room would.

Secure from the nearest planing mill 2 boards 36 inches long, not more than  $\frac{1}{4}$  inch thick, and 4 boards 1 yard long  $\frac{1}{2}$  inches wide and  $\frac{1}{4}$  inch thick for the sides. On 1 side of 2 of these boards make grooves about 9 inches apart for the shelves of the cupboard. Then fasten these boards to 1 of the large boards first mentioned; also fasten the 2 remaining boards to the 2 other sides of the large board and the cupboard is ready for shelves. For these, select 3 boards 35 inches long  $\frac{1}{2}$  inches wide and  $\frac{1}{4}$  inch thick.

When the door of the cupboard is opened, it forms the table. To make this procure 2 boards 36 inches long, 3 inches wide and 1 inch thick and fasten them to two opposite sides of the other largest sized board; this reinforces the board. On the two remaining sides fasten in similar fashion 2 boards 30 inches long, 3 inches wide and 1 inch thick. Should the

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## The Teenie Weenies Build a Summer Home in Northern Michigan

HERE is the unique summer home at Grand Sable Lake, Michigan, presented by admirers of the Teenie Weenies to the wife of William Donahay, creator of the Teenie Weenies. This gigantic pickle barrel is 16 feet high, with living room downstairs and sleeping room upstairs. The barrel in the rear is made into a kitchen.

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## How Necessity Developed a Mother's Career in the Business World

TWENTY-FIVE years ago, for a modest girl of good family to enter the business world was almost invariably considered imprudent. Especially was this true in decent. Especially was this true in the South, where Kate Brew Vaughn was attending the State Normal School of Tennessee preparatory to entering the teaching profession. But regardless of the dire forebodings of family and friends, Kate Vaughn left her normal school course to learn stenography. She entered the business world when she was 18 years of age. Underlying her natural shyness was a strong, determined will which was to stand her in good stead many a time in later years when her path seemed obstructed with insurmountable obstacles.

After a few years in business, she met and married "real southern gentleman of fine education but little understanding of the why and wherefore of earning a living." A growing family and limited means finally forced Mrs. Vaughn back into business life, but after a few years she felt convinced that "achieveable would yield her a larger income than what she was doing 'to feed and clothe her five little ones.' So she arranged to enter the University of Tennessee to obtain a degree. Nevertheless, she found after a year of teaching that her judgment as a girl in regard to this profession had been justified. It was not her forte, and so, as the older children had then reached the stage where they could not only take care of themselves but also of the younger ones, she decided to enter Columbia University as a student of home economics. During all this time, however, she had been the chief support of her family, and her decision to go to New York meant overcoming and solving many problems. Even though she could earn a certain amount of money while studying, someone had to be found who could take care of the home. A relative came to the rescue.

**Finds Herself In Home Economics**  
After finishing her course at Columbia, Mrs. Vaughn returned to the South and became food demonstrator for a syndicate of southern newspapers. The work was well paid and took her to various cities for a week at a time. Household management and cooking were taught to classes which varied from 400 to 2,000 and the success with which her efforts were crowned everywhere convinced Mrs. Vaughn that the sacrifices she had made were justified.

Then came the war and her appointment on the Food Administration Board. For four months she devoted all her time to the Tribune Institute in New York, testing recipes to be offered to housewives as a solution of the war-time conditions.

**In Los Angeles**  
Bigger fields and bigger interests finally called her westward when she was offered the chance to create a space of nearly one inch should be left between each flag, to allow moss and rock plants, which are one of the important features of crazy paving, to be planted. The effect of large, square flags which have cracked with wear and weather is to be sought when laying the small stones.

Yet regardless of her very active life in the business world, she has been able to raise her little brood to healthy and successful adolescence.

Her oldest daughter will be married this spring and her youngest will enter the University of Southern California this fall. Her oldest son is a successful businessman and her other two boys are studying law.

"Oh, there is nothing to be proud of except the children," she replied with a toss of her marcelled head as the writer remarked upon her splendid achievements. "I am proud of them for I have been their sole support for the last 15 years, and despite the fact that I had little time

to do after ordering the flags is to prepare the ground so that they will lie perfectly flat, without any side-to-side rocking or any tendency of one stone to sink lower than another. A soft, loose surface is best if the stones are laid firmly. The earth must be freely watered immediately before the stones are laid upon it.

Into the spaces between the stones comes a quantity of soft mold and upon the top of this, so that it looks as though it has grown naturally between the layers of stone, should be planted some moss, which can be bought from any large florist.

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# Haymaking, Serious and Frivolous—Village of Springs—Tickless Timepiece

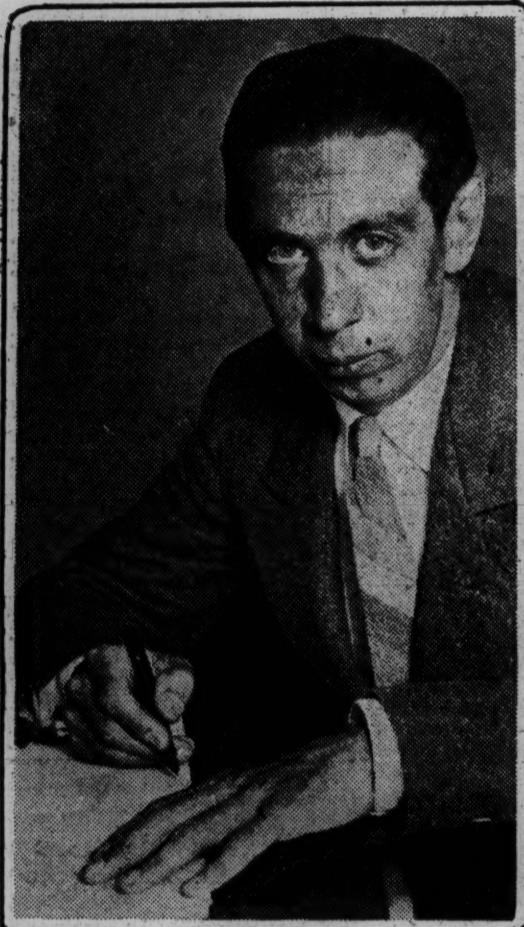


**¶** School children on their summer holiday are having a hay battle royal in the meadows of Gunnersbury Park on the outskirts of London. Fast camera work is required to record such a scene.

© Keystone View Co.



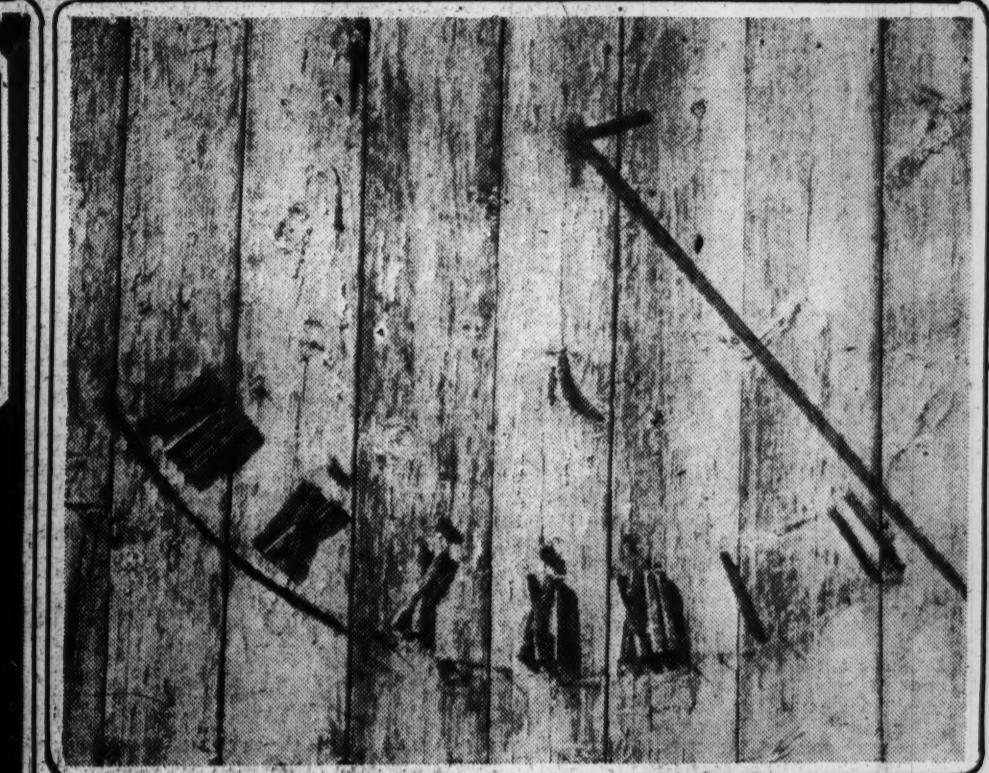
**¶** Haying in more serious aspects is shown in this entrancing view of the lower Engadine, Switzerland, where fertile meadows yield abundant harvests.



**¶** Martin J. Duprau, winner of the world's shorthand championship, took three five-minute dictations at speeds of 220, 260 and 280 words per minute and transcribed the 3800 words with but eight errors. Fotograms, New York



**¶** Lauterbrunner, or the village of springs, is one of the most beautiful spots in Switzerland. The town lies on both banks of the white Lutschine, under the shadow of such tall cliffs that in winter the sun's rays do not reach it until 11 o'clock in the morning. The famous Staubbach, or "Spraybrook," falls 980 feet over a rocky crag.



**¶** According to this clock—it is quarter past two "by sun." This aged sun-dial is on a building at Union Hill, Md., and has been telling time for more than a century for the hands who have worked at Shriver's Mill.

Keystone View Co.



**¶** W. F. Coen, Kansas City (right), receiving the congratulations of his opponent, Sidney B. Wood Jr., Forest Hills, N. Y., after the national boys' tennis championship game, Chicago. The score was 6-2, 6-1. The boys defeated all competitors in the eliminations held throughout the country.

F. & A. Photos



**¶** Ready for a sail in the junior regatta at Central Park, New York, is Miss Doreen Coates, who is receiving instructions from the judges before entering her famous sloop or something in the race.



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Strawberries flushed with ripeness and beauty.  
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NEW SEASON'S  
Strawberry Jam Raspberry Jam  
Black Currant Jam

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# Theatrical News of the World

## Stagecraft at Stanford University

Stanford University, Calif.  
Special Correspondence  
OUT of comparative chaos has arisen an artistic dramatic organization at Stanford University. Six years ago the dramatic situation was a disorderly welter. Drama clubs were responsible and quite often assumed the debt for the production of campus theatrical pieces. Directors and scene painters of doubtful qualifications were hired to come from San Francisco to direct the destinies of those frequently mediocre attempts at play production. Actors, untrained and generally untaught, received parts in shows because of membership in these theatrical organizations rather than upon acting ability. Artistic and technical perfection were unknown.

Out of this confusion has arisen the Dramatic Council of Stanford University, a representative student organization, Gordon A. Davis, a Stanford alumnus, who has had professional experience in direction and acting, serves as director. Mr. Davis has been instrumental in building up this essentially successful dramatic organization, in itself no mean task, as tact and diplomacy were necessary to secure the relinquishment of the traditional individuality of the long established clubs for the benefit of an all-university organization.

Not only has an effectual organization been achieved, but the type and standard of plays has been raised to a high level. Technical perfection has been approached closely as well, and a combination of good acting and artistry has created a public which sees Stanford productions, not as a collegiate duty, but to secure the full enjoyment to be derived from entertainment pieces of the theater.

Holding equal claim to the credit for Stanford's excellence in the credit for Kiler's design and execute settings and costumes for all Stanford productions. Mr. Kiler is an artist who combines the ability to plan and carry out his own ideas.

The designs of the Kilers are carried out under their supervision by a class in theatrical workshop conducted by Mr. Davis and Mr. Kiler. The aim of this course is, in Mr. Kiler's words, "To give a general knowledge of the theater in all departments; stage construction, lighting, design, color, costume and stage decoration."

"Our sets," says Mr. Kiler, "border on the impressionistic rather than the real, without being impressionistic because of the element of simplicity which we always try to infuse into settings and costumes. Our sets are not three dimensional exemplifications of the carpenter's skill. For trees we use drapes rather than plaster of Paris pillars, and in this manner evoke an illusion of reality, while using the impressionistic technique."

Mr. Kiler has evolved some of his most effective settings with drapes. In Barrie's "Dear Brutus," "Macbeth," and in other plays he has employed drapes to produce fantastic illusions of trees which proved more effective than actual models.

Mrs. Kiler specializes in costuming and stage decoration, and possesses a practical and theoretical knowledge as a background for her designs.

The aim of the course in theatrical workshop is to present the fundamentals of the technical side of the theater in a simplified and interesting fashion. It is a course in which the laboratory method is employed, under the supervision of Mr. Kiler. Emphasis is placed on the problems of stage management, scenic design, costuming, construction, lighting and ensemble effects. Women members of the class devote most of their time to the designing and execution of costumes and hangings, while the men are occupied with the construction of settings and properties.

## Plays in a Wood

London  
IN A REMOTE part of Surrey, in a wood beside the country house of Fair Oak, the owner every August entertains those who are known as the Fair-Oak Players. These are mostly young people, and the men are largely drawn from the universities. The house party make their own properties and costumes, and the profits go to charity.

The stage is a glade in a hollow in the wood, and the audience sit on roughly made but comfortable seats on an eminence at one end. The players make their exits and entrances by paths in the woodland, and in one or two of these paths they can be seen for quite a while before they reach the "stage" or after they leave it. The path at the back of the glade, directly opposite the audience, stretches into the distance, and is closed by another sunlit wood far away. The August sun comes through the leaves of the trees and dapples bracken and shrubs with gold. It lights up horse and rider, court costume and peasant's jerkin, and heightens the appeal of poetry and romance. Over all is cast the clean mellow beauty of the English countryside.

"Love's Labour's Lost" is one of the least interesting of Shakespeare's plays. To read it is often something of an effort. It is a burlesque of words covering a reality that emerges only at the end. It is as hard to grasp its full meaning as "Patience" used to understand 300 years hence. Acted in this wonderful theater, however, the famous play became at once a reality. The "practicalness" of the speeches, the romance of the story, the humor of Costard and Jaquenetta, were all appreciated. The average of the acting was high, and some of the parts—notably Biron and Don Armado—were brilliantly interpreted. The way in which Mr. Alan Lubbock spoke the difficult speeches of Biron would have graced any professional company.

And through it all ran the sprightly

ing of a dam resulting in a flood, the hoofs of horses, gunshots, all had to be represented.

A final examination is given to the class in theatrical workshop covering the nomenclature of the stage and the various wooden materials in the theater. In these examinations the humorous element very often enters. At various times students, when not knowing the specific answers to questions of nomenclature, have concocted ingenious, but at the same moment ludicrous, answers. One student when asked for the definition of a "stage pocket" wrote, "A stage pocket is a receptacle made of cloth, sewed on three edges to the side of a smock." In reality, it is the connection where the master lead cable carrying the electric current, comes to the stage. "An olive is a little olive" was another answer. That is in reality a flood light. "Teasers" and "tormentors" have been defined as "types of vampires" and "proscenium arch" as a "type of eyebrow used by a famous make-up artist."

The fireplace in this setting was designed by a member of the class and conveys an impression of the solidity of rock. Leavings of the muslin which is used to cover flats were tacked on to the frame of a fireplace in much the same manner as in upholstery work. Excelsior was used as a filler. Projecting ridges were calmed and crayoned until they assumed the appearance of field stones, cracks were painted dark to resemble mortar.

In Barrie's "Dear Brutus" Mr. Kiler used draperies hung in circular columns. This lent an exceptionally effective Druidic background for this fantastic second act. Overhead lighting conveyed a moonlight illumination.

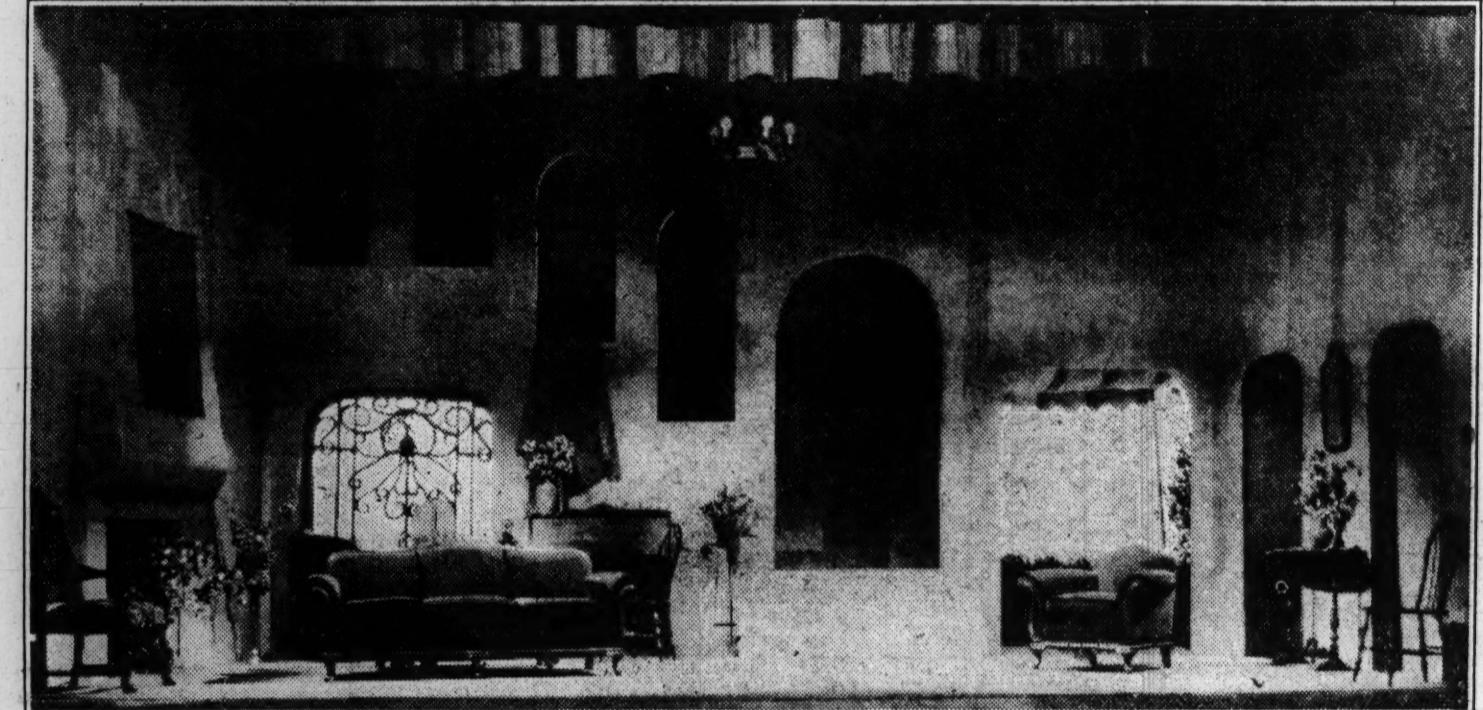
Mr. Kiler's setting for "Meet the Wife" exemplified the more realistic type of stage design. There is none of the ultra-realistic techniques in this setting, but it conveys the effect of all the elements of strict actuality.

The formal stage has also been

designed by a member of the class and conveys an impression of the solidity of rock. Leavings of the muslin which is used to cover flats were tacked on to the frame of a fireplace in much the same manner as in upholstery work. Excelsior was used as a filler. Projecting ridges were calmed and crayoned until they assumed the appearance of field stones, cracks were painted dark to resemble mortar.

The results of Stanford productions are remarkable considering the limited stage facilities. The Assembly Hall at Stanford is a structure which dates back almost to the founding of the university. There is nothing architecturally modern about the small stage. There is no gallery, little storage space in the rear, and scarcely any room in the wings. Still the caliber of productions at Stanford is claimed to be superior to that of any other university in the country.

## A SET DESIGNED AND BUILT AT STANFORD



Setting for "Meet the Wife," Prepared in the Stanford University Workshop.

## Abe and Mawruss Again as Detectives

*Special from Monitor Bureau*

NEW YORK—At the Ritz Theater A. H. Woods presents Ludwig Satz in "Potash and Perlmutter, Detectives," a new comedy about Abe and Mawruss, with Montague Glass and Julius Eckert Goodman, staged by Bertram Harrison. The cast:

Babette Emerick.....Annette Hoffmann Henry D. Feldman.....Max Hoffman Abe Potash.....Ludwig Satz Mawruss Perlmuter.....Robert Leonard Eddie Powers.....Eddie Powers George McAdam.....Charles Gottschall Jean McAdam.....Hope Sutherland Hedger.....Robert Vivian Bixby.....Bixby Henry DuBois.....Harry Hanlon Letty.....Patrick O'Connor Mrs. Adam.....Isabel Morris Cunningham.....Alice Jenkins Sigfried.....Arthur Dunn

employed at Stanford. Settings with permanent openings have been used impressionistically. Scenes were quickly and effectively changed by rearrangement of drapes. In "Hamlet" recently produced in modern dress, a more impressionistic type of design was used, which carried the tone of modernity without becoming garish.

The members of the stage crew receive training not only in the shifting and striking of sets, but in the use of off-stage effects. In the presentation of "Hell Bent Fer Heaven" thunder, lightning, rain, the break-

ing of a dam resulting in a flood, the hoofs of horses, gunshots, all had to be represented.

A final examination is given to the class in theatrical workshop covering the nomenclature of the stage and the various wooden materials in the theater. In these examinations the humorous element very often enters. At various times students, when not knowing the specific answers to questions of nomenclature, have concocted ingenious, but at the same moment ludicrous, answers. One student when asked for the definition of a "stage pocket" wrote, "A stage pocket is a receptacle made of cloth, sewed on three edges to the side of a smock." In reality, it is the connection where the master lead cable carrying the electric current, comes to the stage. "An olive is a little olive" was another answer. That is in reality a flood light. "Teasers" and "tormentors" have been defined as "types of vampires" and "proscenium arch" as a "type of eyebrow used by a famous make-up artist."

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## The Roman Amphitheater, Saintes

*London*  
PROMOTERS of dramatic art in France—and in that part of northern Africa which is now a part of France—seem determined

and that dark figure, Simon de Montfort himself, became, though unconsciously, an instrument for the permanent unification of north and south. In the words of Sancia of

did extremely well, and M. René Burton, the producer—who also had produced the recent tour of the Comédie Française Company in Algeria—availed himself cleverly of the opportunities afforded by the great arched passageways of the Roman building, for bringing on even mounted men, as from a distance, and for otherwise obtaining broad and spacious effects.

Nevertheless—and notwithstanding its undoubtedly success—the performance, as a whole, set me wondering whether this bold and clever management will not be wise to obtain in future, if possible, for presentation so vast an amphitheater plays less dialogued than "Simon," and depending for their effect more upon movement, spectacle, pageant, and display, than upon the delineation of Alexandre's verse. Roman amphitheaters were designed for a special form of entertainment; and equally special, if wholly different, entertainment whenever possible should be designed for them.

F. A.

## "She Couldn't Say No"

*Special from Monitor Bureau*

NEW YORK—At the Booth Theater A. E. and R. R. Riskin present "She Couldn't Say No," a new American farce in three acts, by B. M. Kaye; directed by Rollo Lloyd; settings by Yellen.

The cast:

Walter Turnball.....Ralph Kellar Christopher Morton.....Chester Clute Alice Lansdale.....Florence Moore Eddie Powers.....Frank Elphale Poiter.....Joseph Dailey Mary Hudson.....Helen Spring Harry Smith.....John Haines Ed Sweeney.....Paul Pagan Ezra Pine.....Fay Courtney Pansy Hooper.....Walter Jones Judge Daniels.....Oliver Doyle

Florence Moore is a comedienne in the most complimentary sense of the word. This is precisely the same as saying that Miss Moore is in a class limited to about six women on the legitimate stage in America. Miss Moore is genuinely funny. Her work is unctuous, clowning of the first class, requiring a talent that is rare and most precious of all actors' possessions.

The play was declaimed with admirable clearness, power, and intensity, and was acted with all needful breadth, energy, and vigor by a company conscious of the fact that only by wholehearted, unparading effort could they possibly make themselves heard and understood by the crowd of some 2000 persons thronging the terraces wherein, 2000 years ago, an even larger number of Roman citizens witnessed gladiatorial and other such exhibitions. Even so, despite the excellent acoustic properties of the building, actors and actresses alike, I feel sure, found it exceedingly difficult to hold the great audience, especially during certain dialogues, which, however well written and declaimed, were too intimate and lyrical in quality to be made effective before so vast an audience as this.

The work in question is "Simon de Montfort," by M. Jean Suberville, a four-act drama in verse which had won the special prize of 5000 francs offered by the "Société des Fêtes de Saintes" for an open-air play suitable for production in their amphitheater. The name part, be it understood, does not refer to the Simon de Montfort who fought so gallantly for the popular cause against the English King, Henry III, and fell at Lewes in 1265, but to his father, the elder Simon, whose memory is linked with a dark episode in French history—the horrible cruelties inflicted by armes from the north upon the people of Provence and Languedoc in what are known as the Albigensian crusades.

The play, while dealing with the struggle between Raimon of Toulouse, Pierre d'Aragon and others, fighting on behalf of the south against Simon, representing the north, has also another and more symbolic purpose—that of showing how—in a certain sense, analogous to that in which American solidarity grew out of the Civil War, this great evil was turned, at last, to good when, through the suffering and extremity of southern France, a rapprochement between the contending parties was made possible.

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tending parties was made possible,

as it was to be expected that Abe and Mawruss would turn detectives, and that Abe should have learned how to become a detective from constant attendance at the moving pictures.

The principal players, Mme. Escañde, Dorival, and Revyal, with Mlle. Colonna-Romano as leading lady, together with their supporters,

these days to put to greater use than they have done hitherto those open-air places of entertainment which Roman civilization has bequeathed to us. During last June I wrote in the Monitor something concerning the Roman theaters of Algeria and Tunisia, and the use to which they were being put by a company of the Comédie Française for the performance of classical plays. During the month of August I have chanced upon a representation—by members of the Comédie Française and Odéon companies principally—of a new play, not in a Roman theater, but in a Roman amphitheater, built during the first century A. D. at Mediolanum, the Roman city in Saintonge that we call today Saintes.

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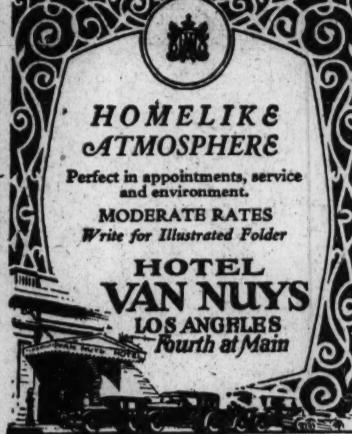
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TO OPEN NEW FARM AREAS

VICTORIA, B. C. (Special Correspondence)—Large new areas will be opened for agriculture this fall in the British Columbia Government's reclamation scheme at Sumas, outside Vancouver. The Government has put a large part of the land reclaimed by this project of the government within the next few weeks following the construction of roads making it accessible. The scheme has proved such a success, according to D. Barrow, Minister of Agriculture, that the Government will raise the said

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RATES \$1.50 TO \$3.00 NO HIGHER

FREE GARAGE

A. W. TOWNSEND—Manager

HOTEL LAND

WILSHIRE HOTEL

STOCKTON STREET NEAR PORT AT UNION SQUARE

SAN FRANCISCO

Rates with bath \$2 to \$2, single;

\$3.50 to \$4 two persons

HARRY BOYLE, Manager

TEXAS

REX ARMS

"Home to You"  
Kitchenette Apartments with every convenience, within easy range of business, social and shopping centers. Suites of one, two and three rooms with bath. Rates reasonable. Under direct management of

J. BAER & COMPANY, Realtors

Grand Avenue Temple, Kansas City, Mo.

Hotel Address:

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HOTEL MAIN

Newly Decorated Throughout

Walking Distance to Shopping District and Union Station

Rates \$1.00, \$1.25 and \$2.00 per day

1424-26 Main Street

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DOWNTOWN FIREPROOF NEW COMMONWEALTH HOTEL

ROOM & BATH \$2.00

1214 BROADWAY—KANSAS CITY, MO.

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NEW YORK CITY

HOTEL ST. JAMES

109-13 West 18th Street, New York

AN HOTEL OF QUIET DIGNITY, having for a long time been the favorite of well-conditioned hotel guests.

Much favored by women traveling without escort.

Rates—apply on application

W. JOHNSON QUINN

Hotel NARRAGANSETT

(Under New Management)

94th Street and Broadway

1-2-3-4 room apartments each with private bath. Newly decorated and beautifully furnished. Rates as follows:

1 room and above \$90 monthly and up

2 rooms \$125 monthly and up

4 rooms \$350 monthly and up

Leases now being made for the fall. Subway station 96th Street. Two blocks from River-side Drive. Central Park, Prospect Park also accessible. Application inspection invited.

M. L. Peterson, Mgr. Tel. Riverside 9500

RALEIGH HALL

100 W. 47th St., New York

In heart of uptown business and entertainment centers. Attractively furnished rooms, with apd with private baths. Ideal accommodations for business and professional men. Club advantages with hotel service. \$2-\$8 Daily—\$10-\$12 Weekly

price of land beyond \$200 an acre, the figure originally set for it. The average cost of reclamation was under \$100 an acre and the maximum charges against any piece of property is \$157 an acre. Demand for acreage in the rich lake bottom, now ready for cultivation, is heavy, Mr. Barrow, the Minister of Agriculture, said the Government will raise the said

price to \$100 an acre.

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## SOME RAILS REACH NEW TOP PRICES

**Heavy Buying in This Group Lends Stability to Stock Market**

NEW YORK, Sept. 7 (AP)—Resumption of business after the three-day holiday in the Stock Market was accompanied by a general rise.

Most of the rails and motors yielded fractionally on initial sales but the standard industrials tended higher. Allis Chalmers and Postum Cereal each opened at a point higher, and United States Steel and American can improved fractionally.

Price movements continued to rise through the early trading, but strong buying support quickly developed in the railroad group, particularly in the eastern and some western and other issues, the August earnings of which are expected to compare favorably with those of the corresponding month last year.

New peak prices for the year, or longer, were established by Baltimore & Ohio, Southern Pacific, Canadian Pacific, Illinois Central, Chesapeake & Ohio, Pullman and Brooklyn Edison.

Revolutionary disturbances in Spain over the weekend were responsible for the heaviest of the foreign exchanges, but apparently had no effect on securities prices. The financial difficulties of one of the large real estate mortgage firms, which was thrown into receivership after the market closed last Friday, also failed to bring in any unusual volume of selling orders at the opening.

Rumors of further price cuts in the motor industry probably accounted for the early heaviness of those shares, while the weakness of Stewart Warner, which touched a new low level for the year at 64, was attributed to the expiration of a pool agreement in that stock.

Demand sterling was quoted around \$4.85, and French francs sagged 3½ points to around 2.94 cents.

**Foreign Bonds Strong**

Bond prices worked moderately higher today as buying interest was stimulated by a free offering of time maturities and reviving activity in the field of financing.

The announcement of the Treasury's forthcoming issue of \$350,000,000 3½ per cent certificates was in line with Wall Street's expectations, but the market had little influence on the trend of prices in the government bond list. Changes in Liberty bonds were narrow and irregular.

French and German obligations were the strongest features of the foreign government bond market for the State of Prussia late this week led the buying of the German issues, with Rheinische again leading in popularity. Paris-Orleans Railway was gained more than a point.

New high prices for the year were established by several of the most active domestic issues, including Norfolk & Western convertible 6s, General Asphalt 6s and National Dairy Products 6s. The buying movement also embraced other representative rails and industrials, gains of a pointer or so being recorded by East Coast 4½s, Seaboard All-Florida 6s, Skelly Oil 6½s and Wilson first 6s.

## BOSTON STOCKS

(Quotations to 1:20 p. m.)

	High	Low	Sept. 7, Sept. 3
5 Am. Paints... 37/8	21	20	37/8
20 Am. Sugar... 75/8	15/8	15/8	75/8
59 Am. T. & T. 146/8	146/8	145/8	146/8
25 Am. Woolen... 31/2	31/2	30/8	30/8
70 Amoskeag 51/2	51/2	51/2	51/2
115 Anacondas... 50/8	50/8	50/8	50/8
106 Ariz. Com... 11/8	11/8	11/8	11/8
540 Atchison... 15/8	15/8	15/8	15/8
47 Big Hr... 77	77	77	77
300 Bon. Gas... 107/2	107/2	107/2	107/2
25 Bon. El... 84/8	84/8	84/8	84/8
6 Bon. El. pf. 108	108	108	108
51 B&M... 52	52	52	52
6 B&M A sta... 63	63	63	63
100 B&M B sta... 89	89	89	89
19 B&M B stc... 87	87	87	87
15 B&M pf. 105	105	105	105
25 Cal. Ports... 33/8	33/8	33/8	33/8
5 Bos. Can. Gasol... 107/2	107/2	107/2	107/2
25 Bon. El... 84/8	84/8	84/8	84/8
6 Bon. El. pf. 108	108	108	108
51 B&M... 52	52	52	52
6 B&M A sta... 63	63	63	63
100 B&M B sta... 89	89	89	89
19 B&M B stc... 87	87	87	87
15 B&M pf. 105	105	105	105
25 Cal. Ports... 33/8	33/8	33/8	33/8
5 Bos. Can. Gasol... 107/2	107/2	107/2	107/2
25 Bon. El... 84/8	84/8	84/8	84/8
6 Bon. El. pf. 108	108	108	108
51 B&M... 52	52	52	52
6 B&M A sta... 63	63	63	63
100 B&M B sta... 89	89	89	89
19 B&M B stc... 87	87	87	87
15 B&M pf. 105	105	105	105
25 Cal. Ports... 33/8	33/8	33/8	33/8
5 Bos. Can. Gasol... 107/2	107/2	107/2	107/2
25 Bon. El... 84/8	84/8	84/8	84/8
6 Bon. El. pf. 108	108	108	108
51 B&M... 52	52	52	52
6 B&M A sta... 63	63	63	63
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25 Bon. El... 84/8	84/8	84/8	84/8
6 Bon. El. pf. 108	108	108	108
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5 Bos. Can. Gasol... 107/2	107/2	107/2	107/2
25 Bon. El... 8			

# FOOTWEAR AND LEATHER SHOW GOOD ACTIVITY

Shoe Factories Have Orders 4 Weeks Ahead—Tanners Maintain Prices

The prominent shoe plants today have a satisfactory volume of business and a run of duplicate orders about four weeks ahead of cutting room capacities.

Such conditions are rated as normal, and they may hold that way for a while as terms are well established on a level not seriously threatened by leather advances or wage earner demands.

Advices from Lynn and Haverhill, Mass., prove the failure of the reported decadence in the demand for ladies' novelties. Spring samples now being considered average a freakishness in their predecessors, some being doled out extremely, as is evidenced in the two and three eye oxfords now in vogue for fall wear. All void of the cutout effects noted in shoes with modish characteristics, latest designs show a superfluity of fancy stitching popular among the younger set.

**The Footwear Outlook**

During this fall and winter run of business, prices may not be changed materially, patent leather and kid footwear in the only sort likely to be advanced, the demand for such leather keeps certain grades well sold up. At present it looks like a steady but firm market. Sole leather is moving firmly, some tannages being sold down to 16¢ floors. Advices from sole leather tanners show that stocks are low, with prices firm on lines.

Choice selections of packer steer backs, tannery run, are selling at 41c. Combinations bring 40c. Top selection of packers' heads are 55¢@75c. Brand's heads are 55¢@60c.

Strictly first quality scored oak backs are obtainable at 45¢. Oak oil is favored about as fast as it becomes marketable, all sorts being kept well sold up.

The call for rough double shoulders continues active at 40¢ with a cent more or less than current lots. However, at the close of the week under review, some tanners were offering double shoulders at 41c, holding firmly to their quotations.

Choice oak belts, carload lots, are strong at 28c. Heads of 17 are selling with a probability of 17 cents being the price for partly trimmed heads of standard tannage.

**Sole Leather Active**

Union sole leather is active. Packer steer backs, tannery run, are running at 42c. Lots of prime cow backs were sold at 42c. Country hide backs, liberally sized blocks, were looked at 36¢@37c.

First quality of packer belts sell at 55¢ and seconds at 50¢.

Union oil is having a steady call. The supply is low and quotations show a strong. The demand for single shod stock is smart at 22¢@22c for preferred stock, and 25¢ for the lower selections. Heads are well sold up at 24c. No. 1 heads being 15¢ with special low heads.

Elk hides are moving daily, and in lots quite satisfactory. The call for first grade, etc., listed at 30¢@32c, is meagre, with some new business noted on the medium selections.

The deer sort, offered at 25¢@28c, is always over-sold.

Top grades of full grain chrome sides are now at 30¢@32c. Medium show some improvement at 26¢@28c. The well cheaper grade offered at 18¢@24c, is well sold up, with back orders awaiting receipts.

Rabbit grains are in fair demand, the better qualities bringing 30¢@32c. Bars and combination tannages are active in the lower grades quoted at 22¢@26c asked.

The better grades of chrome side and calf-skin splits are moderately active. The better sort is listed at 12¢@15c. The medium grades are offered at 11¢@12c, with a third grade selling at 9¢@10c.

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Rabbit grains are in fair demand, the better qualities bringing 30¢@32c. Bars and combination tannages are active in the lower grades quoted at 22¢@26c asked.

The better grades of chrome side and calf-skin splits are moderately active. The better sort is listed at 12¢@15c. The medium grades are offered at 11¢@12c, with a third grade selling at 9¢@10c.

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# RADIO

## LONG WAVE SET IS INTRODUCED

4500 to 15,000 Meter Outfit for Transoceanic Work Is Easy to Build

The following article, written by C. W. Preston of the American Institute of Radio Engineers, gives construction data on a type of receiver that has been given little or no attention by the average fan. However, as many of the European stations are in the long wave ranges and interest in code reception is increasing in the United States, a receiver capable of performing in these fields may be of interest at this time.

During the past few seasons practically all of the average radio enthusiast's attention has been given to radiocast reception on the regular wavelength band of from 200 to 550 meters, with what little was to spare devoted to the shorter waves which have rapidly been gaining in favor for transmission purposes. Practically no thought at all has been given to the longer waves of from 5000 to 6000 meters except by inventer experiments—those individuals who at present consume the major portion of the parts output of American manufacturers.

For some time past, however, very interesting experiments have been conducted in transoceanic telephony on waves in the neighborhood of 5000 to 6000 meters. Within the past few weeks mention of these experiments has been given prominence in the newspapers of the land, with the result that many fans not heretofore familiar with them, becoming interested, desire to construct receivers suitable for this class of reception.

In the accompanying article an extremely satisfactory type of long wave receiver of comparatively original design is described, capable of covering a wavelength range of 4500 to 15,000 meters. This receiver consists of one stage of tuned radio-frequency amplification, one stage of untuned amplification, a detector and two stages of audio-amplification. Standard parts easily procurable upon the open market are used throughout, with the result that the set may be constructed in a very short time by the interested fan.

The circuit of the receiver is single, and from it the complexity of its certain thins become evident. A stand-and sharply tuned long wave transformer is used to couple the antenna to the input of the first tube. The secondary of this transformer is tuned by a .0035 straight-line frequency condenser of approved design, while the primary remains untuned. Coupling the first and second R. F. amplifier tubes is a second transformer of the same type, tuned by a similar condenser. These two tuned transformers will give more than enough selectivity for long-wave reception, so the output of the second R. F. amplifier is fed to the detector tube by means of a comparatively broad-band, iron-core transformer, of a type intended for most efficient operation at from 45 to 60 kilocycles, though capable of amplifying quite effectively other waves as well.

The detector tube, rectifying by virtue of a grid condenser and leak, is coupled to the first audio-amplifying tube through a special type of transformer designed to transmit with minimum attenuation all frequencies between 20 and 7000 cycles—that required for distortionless speech and music reproduction. This tube is in turn coupled through a similar transformer to the second audio-amplifying tube. Jacks are provided so that either one of both stages of audio amplification may be used at will.

A single rheostat is provided for all five tubes, which may be either dry cell or storage battery types, the UV201As are recommended for best results. A 500,000 ohm resistance is connected in the plate circuit of the two R. F. amplifiers, to stabilize them and control oscillation. This resistance is also quite effective as a volume regulator.

The entire assembly is mounted upon a  $6\frac{1}{2} \times 17\frac{1}{2}$ " sub-panel and a  $7\frac{1}{2} \times 8\frac{1}{2}$ " front panel of bakelite. No dimensions are given, as the instrument locations can be very easily determined from the photos, and each individual constructor will wish to exercise his own ideas in the assembly of the receiver.

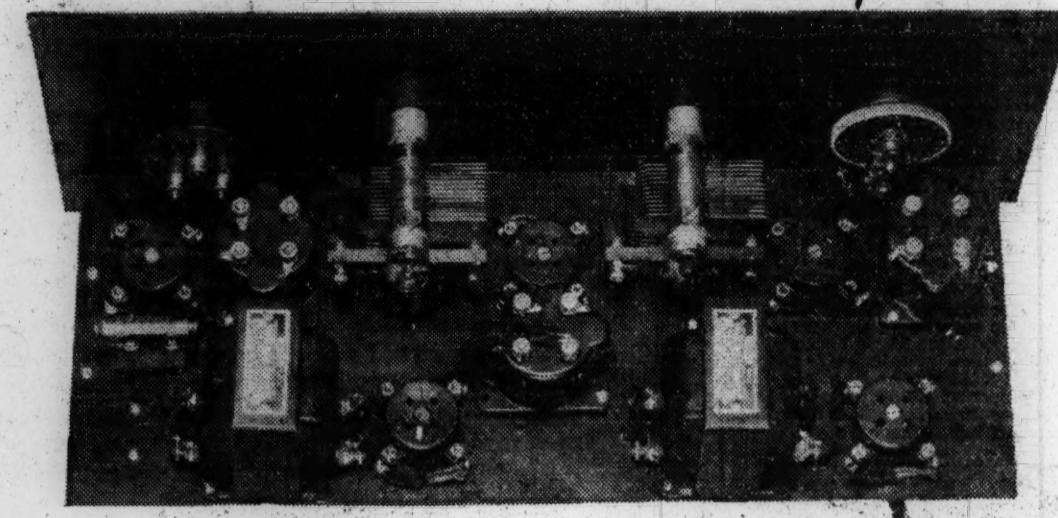
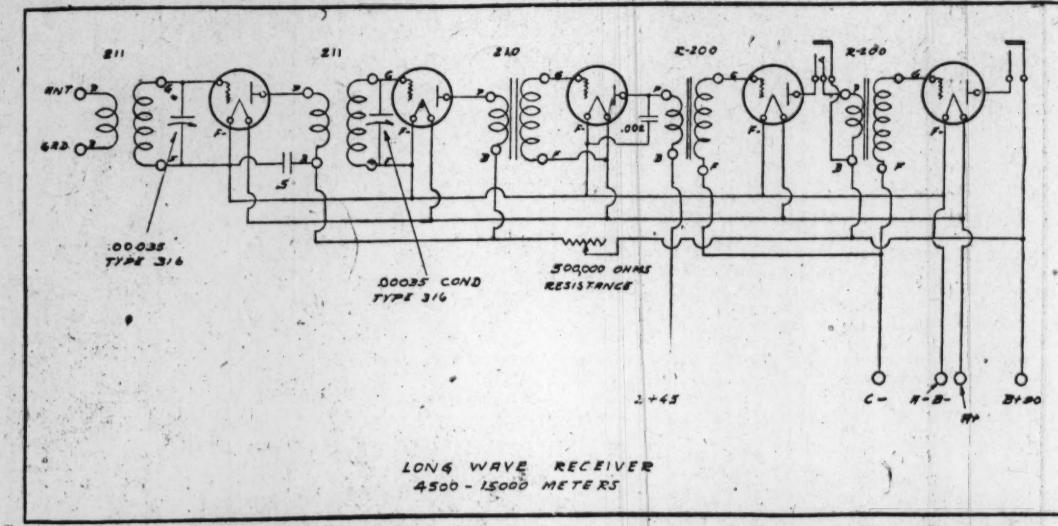
### List of Parts

The parts necessary to construct the receiver are listed below. While the parts recommended need not of necessity be employed—others of the same mechanical and electrical characteristics being satisfactory—it is suggested that in the case of the long-wave transformers substitution be not indulged in since those specified are particularly suitable for operation over the frequency range involved in the transoceanic telephone tests.

2-.00035 SLF condensers—S-M type 316  
2-Vernier Dials—S-M type 801  
2-Tuned long-wave transformers—S-M type 211  
1-Iron-core long-wave transformer—S-M type 210  
6-UX tube sockets—S-M type 510  
2-Audio transformers—Thordarson R-200  
1-3 ohm rheostat—Yaxley No. 13K  
1-500,000 ohm resistance—Centralab Modulators  
1-1-spring jack—Yaxley No. 1  
1-2-spring jack—Yaxley No. 2A  
1-Battery Switch—Yaxley No. 10  
1-Grid condenser with clips—.00025 Polymet  
1-002 condenser—Polymet  
1-005 condenser—Tobe  
1-Pair mounting brackets—S-M type 540  
1- $7\frac{1}{2} \times 8\frac{1}{2}$ " bakelite front panel  
Miscellaneous wires, screws, nuts, solder, etc.

In assembling the receiver, the parts should first be located upon the panels, the excess wire held out with scriber and center punch and then drilled to the proper size. The panels may be grained by rubbing in

## An Efficient Long Wave Receiver



Above Are a Diagram and Picture Showing Layout of Parts for a Type of Receiver Which Will Probably Prove Popular This Season. The Latest Features in Radio Construction Are Incorporated in This Set.

one direction with fine sandpaper and oil and, if desired, engraved, to add to their appearance.

In mounting, all parts should be placed upon the panel that are seen upon it in the photos. Similarly, all parts illustrated upon the baseboard should be mounted upon the smaller bakelite panel with the .05 condenser fastened beneath base. The two panels may then be joined together by means of the mounting brackets and the wiring put in place.

Wiring may be done using either side-bar and spade or flexible insulated wire as Belden hook-up wire. In any case it will be necessary to drill holes through the sub-panel to bring the necessary leads from the jacks, switch, etc. It is suggested that the wiring be confined in the form of five leads to extend a distance of four or five feet beyond the set. These leads may be braided together and used directly for battery connections, no binding posts being provided. Similarly, the antenna and ground connections are made directly to the primary of the first 211 transformer, no unnecessary wiring or binding posts being obtained from any reliable catalog.

The testing of the receiver is extremely simple—being similar in all respects to the test of an ordinary tuned rf receiver.

### Operation Easy

In operation, however, there are one or two points to be observed. Transoceanic telephony is generally effected by means of single side band transmission. This means that the wave transmitted from the transmitting station is minus one set of side bands which are unnecessary in transmission as well as the carrier which has also been eliminated. Obviously, for satisfactory reception, a local carrier must be provided by the receiving station. This is accomplished very simply by causing the RF amplifier to oscillate. This adjustment is in turn effected by cutting out resistances in the centralab modulator until squeals can be heard as the receiver is tuned. It will be noticed that these squeals in most cases, instead of varying in pitch or being steady as in the regular radio frequency spectrum, are a series of sharp up and down dots and dashes. These squeals indicate the presence of the longer wave telegraph station being received, and if the operator is acquainted with the continental code he may interpret these signals quite easily. When a long wave radio phone station is encountered the squeal received will vary in pitch or will be perfectly steady. It will not appear and disappear periodically, however. In the case of suppressed side band and carrier transmission where only one side band is radiated, it will be necessary to adjust the receiver in an oscillatory condition to a zero beat position. At this adjustment the signal will come through without distortion. It can be easily found in operation.

If the operator prefers somewhat better efficiency, it can be obtained by using a separate oscillator and bypassing the receiver itself from oscillation. Such an oscillator would consist of a .001 variable condenser connected across a 220-volt honeycomb coil. One end of the honeycomb coil would connect to the grid of a vacuum tube while the other end would connect to the negative side of the 220-volt battery, the positive side of this battery being connected to the plate of the tube. This B battery should be bypassed by a .002 condenser or larger, if possible. A center tap taken out from the approximate center of the honeycomb coil should be connected to the negative side of the vacuum tube filament, the circuit of which is completed through an A battery and rheostat. Such an oscillator may be coupled to the receiver proper by means of a small 25- to 50-turn honeycomb coil mounted in series with the antenna lead of the receiver, and comparatively tightly coupled to the oscillator induction.

In operating the receiver with an external oscillator, it is probably at first simplest to tune the receiver to the signal when it is in an oscillating condition. The modulator would then be retarded until the receiver stops oscillating, whereupon the oscillator tube should be lit and the oscillator condenser adjusted

until the signal reappears in satisfactory, undistorted fashion. The oscillator is then functioning as a miniature transmitter supplying the carrier frequency for the incoming signal which was omitted by the transmitting station. The reason for this elimination is that on the longer wavelengths the available transmission channels are very few, due to the comparatively narrow frequency range available. Thus, in ordinary speech transmission necessitating a frequency range of from 100 to 3000 cycles, an actual band of 6000 cycles would be required for an ordinary transmitter. For a single side-band transmitter a range of only 2900 cycles would be required, or less than half. From this it is evident that single side-band transmission permits of advantageous conservation of available transoceanic telephone channels at the longer waves—from 3000 meters up.

Not only may this receiver be used for the transoceanic tests but it will provide excellent service as a time-signal receiver. Data on stations transmitting time signals may be obtained from any reliable catalog.

**CENTRAL STANDARD TIME**  
CNRV, Winnipeg, Man. (884 Meters)  
10 p.m.—Studio program.  
WCCO, St. Paul-Minneapolis, Minn. (417 Meters)  
7 p.m.—New York program: "Troubadour," 7:30—Orchestra, 8:30—Midwest church service, 9:30—Musical program, 10—Weather report.

**WBZ**, Chicago, Ill. (250 Meters)  
6 p.m.—Special concert program, 8:30—Popular program.

**WBH**, Chicago, Ill. (370 Meters)  
7 p.m.—Children's program, 7:30—Dinner program, 8:30—Dancers, 9—Dance music, 11—Singers and informants program.

**WLS**, Chicago, Ill. (645 Meters)  
6 p.m.—Lullaby time, 6:30—Organ concert, 7:10—Orchestra, 8—Children's concert, 8:30—Ford and Glenn, 10—Dance music.

**WBZ**, Chicago, Ill. (650 Meters)  
5 p.m.—The bedtime story, told by "Uncle Bob," 5:30—Dinner concert, 6—Family hour, 8—Classical concert, 9:30—Concert, carnival.

**WBZ**, Mooseheart, Ill. (505 Meters)  
6 p.m.—Dance program, 8:30—Musical program.

**WJJD**, Mooseheart, Ill. (505 Meters)  
6 p.m.—Dinner program, 8—Music and drama, 9:30—"Settin' Up Hour."

**WLW**, Cincinnati, O. (422 Meters)  
6 p.m.—Gibson Orchestra, direction Robert Visconti, 7—Trio concert, 9:45—Courtsey program, 10—Concert program, 11—Organist, 12—Entertainers, 12:30—The Merry Old Chiesi, and his Radio Jesters.

**WXY**, Detroit, Mich. (517 Meters)  
6 p.m.—Baseball game, 8—Dinner concert, 9:30—Radio program, 10—Weather forecast.

**WJR**, Pontiac, Mich. (517 Meters)  
7 p.m.—Jean Goldkette's petite symphony orchestra, soloists, 7:45—Courtesy program, 8—Concert program, 11—Organist, 12—Entertainers, 12:30—The Merry Old Chiesi, and his Radio Jesters.

**WBZ**, Boston, Mass. (519 Meters)  
6 p.m.—Weaf New York City; dance orchestra; saxophone octet, 10—Weather forecast.

**WTAM**, Cleveland, O. (319 Meters)  
6:15 p.m.—Cleveland orchestra; baseball program, 7:30—Talks, 8—Public auditorium program, 11—Facets, 12—Collegiate Serenaders.

**WWJ**, Detroit, Mich. (535 Meters)  
4 p.m.—Baseball game, 6—Dinner concert, 7:30—Radio program, 8—Dinner program, 9:30—Detroit orchestra, 10—Dance orchestra.

**WXY**, Detroit, Mich. (517 Meters)  
6 p.m.—Baseball game, 8—Dinner concert, 9:30—Radio program, 10—Weather forecast.

**WZB**, Chicago, Ill. (370 Meters)  
7 p.m.—Children's program, 7:30—Dinner program, 8—Dancers, 9—Dance music, 11—Singers and informants program.

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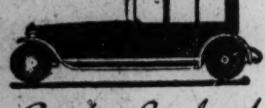
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